

HP Inc. **A3 Equipment** Quick Reference Guide



Managed Device Naming Structure

P=Pro	6=Workgroup A4	0-24=Mono SFP*	XX=Device Speed		
E=Enterprise	7=Workgroup A3	25-49=Mono MFP			
	8=Departmental A3	50-74=Color SFP			
		50-74=Color SFP			
		75-99=Color MFP			
* Single Function	Printer				
Example:	Example: HP LaserJet Managed Flow MFP E72535z				
E=Enterprise	7=Workgroup A3	25=Mono MFP	35=PPM		
-					
Example:	HP Color LaserJe	t Managed Flow	MFP E67560z		
E-Entorpriso	6=Workgroup A4	75=Color MFP	60=PPM		
E=Enterprise	0 = WOFK group A4	1 J=COIOT MIFP	OU=PPN		
	6				

HP A3 Device Configurator URL

https://configurator.ext.hp.com/configurator



A3 Color LaserJet MFPs

E77822dn	22PPM Color/BW
E77822z	22PPM Color/BW (Flow SeriesIncludes keyboard & OCR)
E77825dn	25PPM Color/BW
E77825z	25PPM Color/BW (Flow SeriesIncludes keyboard & OCR)
E77830dn	30PPM Color/BW
E77830z	30PPM Color/BW (Flow SeriesIncludes keyboard & OCR)
E87640dn	40PPM Color/BW
E87640z	40PPM Color/BW (Flow SeriesIncludes keyboard & OCR)
E87650dn	50PPM Color/BW
E87650z	50PPM Color/BW (Flow SeriesIncludes keyboard & OCR)
E87660dn	60PPM Color/BW
E87660z	60PPM Color/BW (Flow SeriesIncludes keyboard & OCR)

HP Color LaserJet Managed MFP E77822dn



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.

Print Speed:Letter: Up to 22 ppm black; Up to 22 ppm color; First Page Out: As fast as 10.1 sec black; As fast as 12.3 sec color

Print Resolution:Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory:Standard: 6 GB; Maximum: 6 GB

Mobile Printing Capability: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication

Paper Handling: 100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)







AirPrint





¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack the self-validate software integrity in a reboot. For a list of printers, wish http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/PrintersThatProtect. For more information: agreements. For details, see http://www.hpconnected.com³ Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity



Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- · Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP Laser Jet wakes up quickly and prints fast—up to 22 ppm.³

The world's most secure printing

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.
- Load up to 100 pages into the automatic document feeder for fast, unattended scanning.

HP Color LaserJet Managed MFP E77822dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond
Print Speed	Letter: Up to 22 ppm black; Up to 22 ppm color; First Page Out: As fast as 10.1 sec black; As fast as	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15,
	12.3 sec color ³		8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 1
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed		x 17, 12 x 18, 8k, 16k
Print Technology	Laser	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6 x 17 in
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Paper Handling	100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-
Standard Print languages Printer Smart Software Features	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible Quality color printing for a great value is a smart choice for any business. Produce premium,	· · - · - · - · - · - · - · - · -	down output bin; DuplexOptions: Automatic (standard); AutoDocumentFeederCapacity: Standard, 250 sheets; EnvelopeFeeder: No; StandardPaperTrays: 3; InputCapacities: Up to 520 sheets; Output
	professional-quality color documents at a competitive low cost with an HP Color Laserlet MFP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP	What's in the box	Capacities: Up to 500 sheets: Up to 40 envelopes Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support Rivers (DOES NOT INCLUDE TONER) ¹
	Laserlet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—ou to 180 ipm ¹¹ —and	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 34,000) W9040MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 32,000) W9041MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 32,000) W9042MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 32,000) W9043MC ⁸
	avoid extra steps with a Flow MFP designed for maximum productivity.	Product Dimensions	W x D x H: 22.3 x 28.5 x 34.6 in; Maximum: 47 x 50 x 30.5 in
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator	Product Weight	176.92 lb
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON LEXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;
Scan Resolution	Hardware: UP to 600 x 600 dpi; Optical: Up to 600 x 600 dpi		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended Keyboard
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF,	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
	JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller,
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications		Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
Scan Size	ADF: 11 x 17 in Maximum; 5.5 x 8.5 in Minimum; Flatbed: 11 x 17 in	Fonts and Typefaces	84 scalable TrueType fonts
Scan Speed	Up to 80 ppm/160 ipm (b&w), up to 80 ppm/160 ipm (color) ⁹ Duplex: Up to 160 ipm (b&w), up to 160 ipm (color)	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		(6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions
Bit depth / Grayscale levels	24-bit / 256		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium,
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Mail: Scied over the Sense Internet Network Sense Se	Compatible Network Operating Systems	evinors textualing in Cost of radiets with our sets and a scale evinor to the basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.) Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2
Copy Speed	Multi-Pick Detect; Auto Straighten; Auto Crop To Page		SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plu
Copy Resolution	Black (Retref): Up to 22 cpm; Color (letter): Up to 22 cpm Black (Rext and graphics): Up to 600 × 600 dp;; Up to 1200 × 1200 dp; Color (text and graphics): Up to 600 × 600 dpi		Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32 - and 64-bit, Citrix XenApp 5.0(6.5 for Windows Server 2008 R2 Terminal Services, 32 - and 64-bit, Citrix XenApp 6.0(6.5)?. 5 for Windows Server 2008 R2 SP1 Terminal Services, 32 - and 64-bit, Citrix XenApp 7.5 (for Windows
Maximum Number Of Copies	Up to 999 copies		Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP]
Copier Resize	25 to 400%		Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint
Copier Settings	2.5 to 400% Two-sided copying: scalability: image adjustments (darkness, contrast, background cleanup, sharpness): optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; colliation; booklet; ID Scari job build; job Storage; watermark; stamp; book mode scars; erase edges; automatically detect color/mono; image Preview		terinina ise vica, vel-oti, rolean Entrprise Gerver 1/5/P1, Novel cuents with induced integrits, rolean integri Appliance vi L0, Rovell Open Entrprise Gerver 11/5/P1, Novell Open Enterprise Gerver 2 for Linux, Nove Servers www.novell.com/print), Windows Server 2003/2003 R2 32-64-bit (SP1/SP2) Standard/Enterprise/Dtatemetrer (- fuster & Terminal Services), Windows Server 2003 32-64-bit (SP2 Standard/Enterprise).
Fax Speed	Up to: 33.6 kbps; Letter : 3 sec per page ²		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi		R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server
Fax Features	Fax Memory. Up to 500 pages: Auto Fax Reduction Supported. Yes: Auto-Redialing: Yes: Fax Delayed Sending: No: Distinctive Ring Detection Supported. Yos: Fax Forwarding Supported. Yes: Fax Phone TAM	Minimum System Requirements	2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services) PC: 2 GB available hard disk space; 05 hardware requirements see microsoft.com; MAC 1.3 GB available hard drive space; Internet; 05 hardware requirements see Apple.com for more info
	Interface Supported: No: Fax Polling Supported: Yes (poll to receive only): Fax Telephone Mode Supported: No: Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No;	Power	Here unverspace, internet, os naroware requirements see Apple.com for more into Power Supply Type: internet (Built-in) power supply; Power Requirements: input voltage: 110 to 127Va (+ / 10%), 220 to 240Vac (+ / 10%), 50/60 Hz (+ / 23%) ⁵
Standard Connectivity	Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1	Acoustics	Acoustic Power Emissions: 6.3 B(A), printing color simplex A4 at 22 ppm; Acoustic Pressure Emissions:
Notwork Capabilities	Hardware Integration Pocket; 1 Fax modem port	Operating Environment	48 dB(A), printing color simplex A4 at 22 ppm
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	-parating environment	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Storage Temperature Range: 14 to 104°F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity
Network Ready Wireless Capability	Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless capabilities standard. There are optional accessories (common to all current Jedi products)	Security Management	Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,
Mobile Printing Capability	that support wireless. These are listed in the connectivity section, above. Management security: SNMPV3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos	Accessories	EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in Cabinet Workgroup Y1617A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG
	Authentication; Support for WJA-10 IPsec Configuration using IPsec $Plug\text{-}in^4$		Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Booklet Finishe
Memory	Standard: 6 GB; Maximum: 6 GB		Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Job
Processor Speed Duty Cycle	 2 GHz / Hard disk: One 320 GB Standard, embedded HP High-Performance Secure Hard Disk; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-tob Data; Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead. Monthly, letter: Up to 300,000 pages 		Separator WG Y1G158, Tray Heater V1G22A, 2nd exit V1G23A, Spacer V1G24A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, DOD CAC Card Reader CC543B, SIPRN - Classified Card Reader RB830A, FHI USB Foreign Interface Harness 5B:131A, Two internal USB ports fr solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, HP JetDirect USB Wretess Print Servity JB031A, HP JetDirect Wireless Print Server with INFC JB030A, HPAC Card Reader HIP1 ZC208A, HPAC Card Reader - HIP1 X3003A, HPAC Card Reader - HIP2 X3003A, Analog Fax
Recommended Monthly Page Volume			Accessory CC487A
Media Types Supported	Pian, HP EcoEFICIENT, HP Matte 90g, Light 60–74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96–110g, Heavy 111–130g, Mid-WiGlossy 96–110g, Hey Glossy 111–130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131–175g, XHoyGlossy 131–175g, HP Matte 200g, Cardstock 176–220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored	HP Service and Support Options	U9LP3E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed: UJ2AE - HP 3 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed: UJ2JES - HP 4 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed: UJ2JEG - HP 5 yr Next Business Day Service w/ w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; UJ2JES - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; UJ2JES - HP 3 yr 4 hour 9x5 Service w/Defective Wolfe Retention for Color Laser Jet E778xx MFP Managed; UJ2JES - HP 4 yr 4 hou 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; UJ2JES - HP 4 yr 4 hou

Learn more at

hp.com

¹ No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17³ Measured using ISO/IEC 17629. For more Not, please purchase use cable separately (HeiteA, Americas, AP) Ciervice Technician must install units). Based on standard 110-1 test image #1 at standard resolution and Mixel encoding, the Hirz Kevice and transmit at separate tor U-3 and to separate and the separate and to separate a



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HP A3 Color LaserJet E77822dn 22PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 100 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A61A	Base Engine for E77822dn	\$10,507.30
X3A78A	Speed Option E77822dn	\$1.00
Y1G17A	Cabinet	\$830.87
Y1F97A	Dual Cassette 2 x 520 Sheets	\$2,045.22
Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP Color LaserJet Managed Flow MFP E77822z

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PrintSpeed:Letter: Up to 22 ppm black; Up to 22 ppm color; First Page Out: As fast as 10.1 sec black; As fast as 12.3 sec color

PrintResolution:Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed StandardConnectivity:2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port StandardMemory:Standard: 7 GB; Maximum: 7 GB MobilePrintingCapability:SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS,

IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication

PaperHandling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display:8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)













Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

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- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP Laser Jet wakes up quickly and prints fast—up to 22 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.4
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims² Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printersecurityclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerscurity⁵ Scan speed measured from ADF at default 300 dpi (back-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

HP Color LaserJet Managed Flow MFP E77822z Specifications Table

Functions / Multitasking Supported	Drint Copy Scop (fay and wireless optional) / Ves	Madia Waight Current-d	The state of the based The state of the first of the firs
Print Speed	Print, Copy, Scan (fax and wireless optional) / Yes Letter: Up to 22 ppm black; Up to 22 ppm color; FirstPageOut: As fast as 10.1 sec black; As fast as	Media Weight Supported Media Sizes Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond Tray 1: 16 the Letter D Letter Letter D Letter Letter Decision 11 v 17, 12 v 18, 4 v 6, 5 v 7, 5 v 8, 10 v 15
Print Resolution	Letter, up to 22 ppin lock, up to 22 ppin lock, nstrageou . As last as to 1.5 set that, As last as 12.3 sec color ³ Black (best): Up to 1200 x 1200 dpi reduced speed: Color (best) : Up to 1200 x 1200 dpi reduced speed	meula אניגי און איזער	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8, 10 x 15, 8 x 16, exredper #9, Enredper #10, Enredper Manch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 1
Print Technology			x 17, 12 x 18, 8k, 16k
Print Cartridges Number	Laser	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6 x 17 in
Standard Print languages	4 (1 each black, cyan, magenta, yellow)	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500
Printer Smart Software Features	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint [®] compatible Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color documents at a competitive low cost with an HP color Leaserlet MPP built to		sheet face-down output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity: Standard; 250 sheets; Envelope Feeder: No; Standard Paper Trays: 3; Input Capacities: Up to 520 sheets; Output Capacities: Up to 500 sheets; Up to 400 sheets; Up to 40 sheets; Up to 40 sheets; Up to 400 sheets; Up to 4
	make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP LaserJet MPF designed for maximum uptime, so you can count on reliable, results day in and day out.	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers (DOES NOT INCLUDE TONER) ¹
	Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throuchout your organization. Complete high-yolume scan iobs fast—up to 180 jpm ¹¹ —and	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 34,000) W9040MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 32,000) W9041MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 32,000) W9042MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 32,000) W9043MC ⁸
	avoid extra steps with a Flow MFP designed for maximum productivity.	Product Dimensions	W x D x H : 23 x 30.5 x 36.5 in; Maximum : 47 x 50 x 30.5 in
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator	Product Weight	176.92 lb
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, PH Managed Printing Administration, PRNCONL EXE, HPPRLO, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Po Provy Agent); HP JetAdvantage Security Manager	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppor options in your region.
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;
Scan Resolution	Hardware: UP to 600 x 600 dpi; Optical: Up to 600 x 600 dpi		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended Keyboard
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
	KHY LOOK, Searchaller PDF LOCH, Searchaller PUP/M LOCH, In THE LOCH, LSV (LOCK) Scalar to leasy access USB: PDF, JPEG, TIFF, MTFF, KPS, PDF/A, IESC (LOCR), Unicode TEXT (LOCR), RFC (LOCR), Searchaller PDF (LOCR), Searchaller PDF/A (LOCR), HTML (LOCR), CSV (LOCR), Print from easy access USB: PDF, PS, Print Ready files (Locri, pcl., cht)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device	Fonts and Typefaces	84 scalable TrueType fonts
	Memory; Open Extensibility Platform (OXP) applications	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,
Scan Size	ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁹ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		Sierra, OS X 10.10 Vosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Idome Basic, Premium,
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Bit depth / Grayscale levels	24-bit / 256	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Frase; Auto Color Sense; Auto Gron To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	Systems	2, and 3). Citrix on Windows Server 2003/2003R2. Citrix on Windows Server 2008/2008R2/2008 R2 SP1. Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.04.8, Citrix XenApp 5.0 (Plu Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0(6.5 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenApp 6.0(75.5) (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenApp 5.0(75.5) (for Windows Server 2008 R2) Terminal Services, 32- and 64-bit), Citrix XenApp 5.0(75.5) (for Windows Server 2008 R2) Terminal Services, 32- and 64-bit), Citrix XenApp 5.0(75.5) (for Windows Server 2008 R2) (for Services 32-bit), Citrix XenApp 5.0(75.5) (for XenApp 5.0) (for XenA
Copy Speed	Black (letter): Up to 22 cpm; Color (letter): Up to 22 cpm		Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 1200 x 1200 dpi; Color (text and graphics): Up to 600 x 600 dpi		Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint
Maximum Number Of Copies	Up to 999 copies		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nove Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Resize	25 to 400%		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bi (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scar, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201
Fax Speed	Up to : 33.6 kbps; Letter : 3 sec per page ²	Nielen Castan Dan innerste	2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Resolution	Black (best): Up to 300×300 dpi (400×400 dpi for received faxes only); Black (standard): 203×98 dpi	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB availabl hard drive space; Internet; OS hardware requirements see Apple.com for more info
Fax Features	Fax Memory. Up to 500 pages: Auto Fax Reduction Supported. Yes; Auto-Redialing. Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Flephone Mode	Power	Power Supply Type: Internal. (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Va (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁶
	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Acoustics	Acoustic Power Emissions: 6.4 B(A), printing color simplex A4 at 22 ppm; Acoustic Pressure Emissions: 49 dB(A), printing color simplex A4 at 22 ppm
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)		EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication; and Kerberos Authentication: Support for WIA-10 IPsec Configuration using IPsec Plua-in
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.	Accessories	Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPSec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in ⁴		Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Booklet Finisher Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Job Separator WG Y1G15A, Tray Heater Y1G22A, 2nd exit Y1G23A, Spacer Y1G24A, Hole Punch 2/3
Memory	Standard: 7 GB; Maximum: 7 GB		Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, DOD CAC Card Reader CC543B, SIPRN - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two internal USB ports for
Processor Speed	1.2 GHz / Hard disk : Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk, Total 640 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500 GB FIPS 140-2 validated hard disk instead.		 Classified Cell (1997) Constrained and Constrained Constrained Cell (1997) Constrained Ce
Duty Cycle	Monthly, letter: Up to 300,000 pages	HP Service and Support Options	U9LP3E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx
Recommended Monthly Page Volume			MFP Managed; U9LP4E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed; U9LP5E - HP 4 yr Next Business Day Service w/Defective Media
Media Types Supported	Plain, HP EcoFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Hay Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, MtyGlossy 131-175g, HP Matte 2002, Oct. Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored Matte 2002, Cardstok 176-2200, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored		Retention for Color Laser LE T78xx MFP Managed; U9LP6E - HP 5 yr Next Business Day Service wDefective Media Retention for Color Laser LE T78xx MFP Managed; U9LP7E - HP 3 yr 4 hour 9x5 Service wDefective Media Retention for Color Laser LE T78xx MFP Managet (U9LP8E - HP 4 yr 4 hou 9x5 Service wDefective Media Retention for Color Laser LE T78xx MFP Managed
	a	Learn more at	

Learn more at

hp.com

¹ No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17³ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, drive; and document complexity.⁴ Optional Wireless ⁵ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies ⁶ Power requirements are based on the country/region where the printer isold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁷ Measured using ISO/IEC 19734, exclude sites see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, drive; and document complexity.⁴ Outcomet operating voltages. This will damage the printer and void the product warranty. ⁷ Measured using ISO/IEC 19734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, drive; and document complexity.⁴ Average color composite (CMM) and black deviced valeids based on ISO/IEC 19789 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/Printerclaims. Exact speed varies depending on the system configuration, software application, drive; and document complexity.⁴ Average color composite (CMM) and black deviced valeids based on ISO/IEC 19789 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/Printerclaims. Exact speed varies depending on scan resolution, network conditions, co



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HP A3 Color LaserJet Flow MFP E77822z 22PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A64A	Base Engine for E77822z	\$13,276.87
X3A77A	Speed Option for E77822z	\$1.00
Y1G17A	Cabinet	\$830.87
Y1F97A	Dual Cassette 2 x 520 Sheets	\$2,045.22
Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP Color LaserJet Managed MFP E77825dn



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.

Print Speed:Letter: Up to 25 ppm black; Up to 25 ppm color; First Page Out: As fast as 8.2 sec black; As fast as 9.3 sec color

Print Resolution:Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port Standard Memory:Standard: 6 GB; Maximum: 6 GB Mobile Printing Capability:SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP - PEAP, EAP-TLS), IPP over TLS, IPSec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication

Paper Handling:100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-down output bin

Display:8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)





4







¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a rebot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersThatProtect. For more information; see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document com/go/printerclaims. Exact speed varies depending on the system configuration; software application, driver, and document com/go/printercurity.



Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP Laser Jet wakes up quickly and prints fast—up to 25 ppm.³

The world's most secure printing

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.4
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.
- Load up to 100 pages into the automatic document feeder for fast, unattended scanning.

HP Color LaserJet Managed MFP E77825dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond
Print Speed	Letter: Up to 25 ppm black; Up to 25 ppm color; First Page Out: As fast as 9.8 sec black; As fast as 11.8 sec color ²	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 × 17, 12 × 18, 4 × 6, 5 × 7, 5 × 8, 10 × 15, 8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 × 6, 5 × 7, 5 × 8, 16k, Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed		x 17, 12 x 18, 8k, 16k
Print Technology	Laser	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6 x 17 in
Print Cartridges Number	4 (1 each black, cyan, magenta, vellow)	Paper Handling	100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-
Standard Print languages Printer Smart Software Features	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible		down output bin; DuplexOptions: Automatic (standard); AutoDocumentFeederCapacity: Standard, 250 sheets; EnvelopeFeeder: No; StandardPaperTrays: 3; InputCapacities: Up to 520 sheets; Output
Printer Smart Software reatures	Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color documents at a competitive low cost with an HP Color LaserJet MFP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP	What's in the box	Capacities: Up to 500 sheets; Up to 40 envelopes Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support Ryers (DOES NOT INCLUDE TONER) ¹
	Can solv down prinning, and uninneedy, the pace or lobariess. Avour pables in productionly with rain the Laserelet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically womits threads, detect intrusions, and validate operating	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 34,000) W9040MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 32,000) W9041MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 32,000)
	software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect	Product Dimensions	W9042MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 32,000) W9043MC ⁸
	people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹¹ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Product Weight	W x D x H : 22.3 x 28.5 x 34.6 in; Maximum : 47 x 50 x 30.5 in
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator		176.92 lb
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppor options in your region.
	Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS		Integration Pocket; Extended Keyboard
Scan Resolution Scan File Format	Hardware: UP to 600 x 600 dpi; Optical : Up to 600 x 600 dpi	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Scan File Format	Digital Send: PDF, HI-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online
Scall Input Moues	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Fonts and Typefaces	user manuals
Scan Size	ADF: 11 x 17 in Maximum; 5.5 x 8.5 in Minimum; Flatbed: 11 x 17 in	Compatible Operating Systems	84 scalable TrueType fonts
Scan Speed	Up to 80 ppm/160 ipm (b&w), up to 80 ppm/160 ipm (color) ⁹ Duplex: Up to 160 ipm (b&w), up to 160 ipm (color)	compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit
Bit depth / Grayscale levels	24-bit / 256		editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium,
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pikc beter: Auto Straidmer: Auto Crop To Page	Compatible Network Operating Systems	Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.) Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1 2, and 3), Citrix on Windows Server 2003/2008R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4,0/4.5, Citrix XenApp 5.0 (Plu
Copy Speed	Black (letter): Up to 25 cpm; Color (letter): Up to 25 cpm		Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 1200 x 1200 dpi; Color (text and graphics): Up to 600 x 600 dpi		Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenApp 7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP
Maximum Number Of Copies	Up to 999 copies		Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint
Copier Resize	25 to 400%		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nove
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph), N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scara; boblidi; Job Scarage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Servers www.novell.com/print). Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ cluster & Terminal Services), Windows Server 2003/2003 R2 32-bi (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/26-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/26-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit Standard/Enterprise (+ Services), Windows Server 2008/2008 R2 32-/64-bit
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ²		(SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Serve
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi		2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
	Interface Supported: No: Fax Polling Supported: Yes (poll to receive only): Fax Telephone Mode Supported: No: Junk Barrier Supported: Yes; MaxImum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations): PC Interface Supported: Yes; Remote Retrieval Capability Supported: No;	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Va (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁶
Standard Connectivity	Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1	Acoustics	Acoustic Power Emissions: 6.4 B(A), printing color simplex A4 at 25 ppm; Acoustic Pressure Emissions: 48 dB(A), printing color simplex A4 at 25 ppm
Network Capabilities	Hardware Integration Pocket; 1 Fax modem port Standard (built-in Gigabit 10/100/1000T Ethernet)	Operating Environment	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Storag Temperature Range: 14 to 104°F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Convit-Manager 1	Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPser/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication: Support for VIA-10 IPsec Configuration using IPsec Plue_in
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPSec/Firewall with Certificate, Pre-ShareAct Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in ⁴	Accessories	Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCl WG Y1F99A, Inner Finisher Y1G0A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Sweidsh Y1G04A, Stapler/Zaker Finisher Hole Reinsher Hole Finisher
Memory	Standard: 6 GB; Maximum: 6 GB		Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Job Separator WG Y1G15A, Tray Heater Y1G22A, 2nd exit Y1G23A, Spacer Y1G24A, Hole Punch 2/3
Processor Speed	1.2 GHz / Hard disk: One 320 GB Standard, embedded HP High-Performance Secure Hard Disk; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-tob Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses S00GB FIPS 140-2 validated hard disk instead.		Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, D0D CAC Card Reader (CS43B, SJPRM). - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness BSL31A, Two Internal USB ports for solutions BSL28A, HDD HP Secure High Performance Hard Disk Drive BSL29A, HP JetDirect USB Wireless Print Server JB031A, HP JetDirect Wireless Print Server with NFC JB030A, HPAC Card Reader - HIP1 C2C08A, HPAC Card Reader - HIP1 X300A, HARC Card Reader - HIP2 X300A, Analog Fax
Duty Cycle	Monthly, letter: Up to 300,000 pages		Accessory CC487A
Recommended Monthly Page Volume	Up to 30,000 pages	HP Service and Support Options	U9LP3E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MED Managed: 101 P4E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color
Media Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g. Light 60-74g. Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, KHP Matte 200g, Cardstock 176-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored		MPP Managed; U9LP4E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MPP Managed; U9LP5E - HP 4 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MPP Managed; U9LP6E - HP 5 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MPP Managed; U9LP7E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MPP Managed; U9LP7E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MPP Managed; U9LP7E - HP 4 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MPP Managed; U9LP7E - HP 4 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MPP Managed; U9LP7E - HP 4 yr 4 hour

Learn more at hp.com

¹ No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17 ³ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, drive; and document complexity. ⁴ Optional Wireless Direct and Wireless ⁵ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies ⁶ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁷ Measured using ISO/IEC 19734, exclude sirst set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, drive; and document complexity. ⁶ Average color composite (LMV) and black declared yields based on ISO/IEC 19793 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, drive; and document complexity. ⁶ Average color composite (LMV) and black declared yields based on ISO/IEC 19793 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, drive; and document complexity. ⁶ Average color composite (LMV) and black declared yields based on ISO/IEC 19793 and LAU average and the system configuration software.



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HP A3 Color LaserJet E77825dn 25PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 100 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A61A	Base Engine for E77825dn	\$10,507.30
X3A81A	Speed Option for E77825dn	\$810.57
Y1G17A	Cabinet	\$830.87
Y1F97A	Dual Cassette 2 x 520 Sheets	\$2,045.22
Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP Color LaserJet Managed Flow MFP

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.

Print Speed:Letter: Up to 25 ppm black; Up to 25 ppm color; First Page Out: As fast as 9.8 sec black; As fast as 11.8 sec color

Print Resolution:Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Standard Connectivity:2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory:Standard: 7 GB; Maximum: 7 GB Mobile Printing Capability:SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPSec/Firewall with Certificate, Pre-Shared Key Authentication.

Paper Handling:100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input t

500 sheet face-down output bin **Display:**8.0-in (20.3 cm) touchscreen, SVGA Color Graphic

Display (CGD)













Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP Laser Jet wakes up quickly and prints fast—up to 25 ppm.³

The world's most secure printing

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.4
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visi http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims ² Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printecruity ⁵ Scan speed measured from ADF at default 300 ofly (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

HP Color LaserJet Managed Flow MFP E77825z Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond
Print Speed	Letter: Up to 25 ppm black; Up to 25 ppm color; First Page Out: As fast as 9.8 sec black; As fast as	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15
Print Resolution	11.8 sec color ³		8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 1 x 17, 12 x 18, 8k, 16k
Print Technology	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Laser	Media Sizes Custom	,
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)		Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11. x 17 in
Standard Print languages	4 (Feach Diack, cyan, magenta, yellow) HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500
Printer Smart Software Features	Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color documents at a competitive low cost with an HP Color LaserJet MFP built to		sheet face-down output bin: Duplex Options: Automatic (standard); Auto Document Feeder Capacity: Standard, 250 sheets; Envelope Feeder: No; Standard Paper Trays: 3; Input Capacities: Up to 520 sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes
	make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers (DOES NOT INCLUDE TONER) ¹
	LaserLet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 34,000) W9040MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 32,000) W9041MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 32,000) W9042MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 32,000) W9043MC ⁸
	people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹¹ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Product Dimensions	W x D x H: 23 x 30.5 x 36.5 in; Maximum: 47 x 50 x 30.5 in
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator	Product Weight	176.92 lb
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SIMP Proxy, Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppor options in your region.
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;
Scan Resolution	Hardware: UP to 600 x 600 dpi; Optical: Up to 600 x 600 dpi		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended Keyboard
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR),	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
	RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (prn., pcl., cht)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device	Fonts and Typefaces	84 scalable TrueType fonts
	Memory; Open Extensibility Platform (OXP) applications	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,
Scan Size	ADF : 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed : 11 x 17 in		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁹ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium,
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Bit depth / Grayscale levels	24-bit / 256	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Corp To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	Systems	2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2. SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.04, Citrix XenApp 5.0 (Plu- Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit. Citrix XenApp 6.0/6.5/ [for Windows Server 2008 R2 Ferminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows
Copy Speed	Black (letter): Up to 25 cpm; Color (letter): Up to 25 cpm		Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 1200 x 1200 dpi; Color (text and graphics): Up to 600 x 600 dpi		Terminal Services, 32- and 64-bit]. (Itrix XenDextop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit]. Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell IPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1. Novell Open Enterprise Server 2 for Inux, Nov
Maximum Number Of Copies	Up to 999 copies		Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Resize	25 to 400%		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bi (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scar; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essential/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Enterprise/Services), Windows Server 2016/64-bit Standard/Enterprise/Services, Windows Server 2016/64-bit Standard/Enterprise/Services), Windows Server 2016/64-bit Standard/Enterprise/Services, Windows Server 2016/64-bit Standard/Enterprise/Services), Windows Server 2016/64-bit Standard/Enterprise/Services, Windows Server 2016/64-bit Standard/Enterprise/Services), Windows Server 2016/64-bit Services, Servi
Fax Speed	Up to : 33.6 kbps; Letter : 3 sec per page ²	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB available
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi		hard drive space; Internet; OS hardware requirements see Apple.com for more info
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No; Fax Polling Supported: Yes; Noi I orceive only; Fax Telephone Mode	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Va (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁶
	Increase apport for their constraints apported their Maximum Speed Dialing Numbers. Up to 1000 numbers Supported. No: Junk Barrier Supported. Yes; Maximum Speed Dialing Numbers. Up to 1000 numbers (each with 210 destinations); PC Interface Supported. Yes; Remote Retrieval Capability Supported. No; Telephone Handest Supported: No.	Acoustics	Acoustic Power Emissions: 6.5 B(A), printing color simplex A4 at 25 ppm; Acoustic Pressure Emissions: 49 dB(A), printing color simplex A4 at 25 ppm
Standard Connectivity	Histophale Plantset Supported. No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storag Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH. Operating Humidity Range: 20 to 80% RH. Recommended Humidity Operating Range: 20 to 80% RH
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)		EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products)	Accessories	Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG
	that support wireless. These are listed in the connectivity section, above.	Accessives	Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4
Mobile Printing Capability	Management security: SNMPA; SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WIA-10 IPsec Configuration using IPsec Plug-in ⁴		Y1 G03A, Inner Finisher Hole Punch Swedish Y1 G04A, Stapler/Stacker Finisher Y1 G18A, Booleter Finisher Y1 G07A, Stapler/Stacker Finisher Stapler V1 G14A, Inner Finisher & Boolett Maker Stapler V1 G13A, Job Separator WG Y1 G15A, Tray Heater Y1 G22A, 2nd exit Y1 G23A, Sparer Y1 G24A, Hole Punch 2/3 V5 Gravity Start Stapler Stacker Start Star
Memory	Standard: 7 GB; Maximum: 7 GB		Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, DOD CAC Card Reader CC543B, SIPRN - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two internal USB ports for
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk, Total 640 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500 GB FIPS 140-2 validated hard disk instead.		solutions BSL28A, HDD HP Secure High Performance Hard Disk Drive BSL29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader – HIP1 CZ208A, HPAC Card Reader – HIP1 X3D03A, HPAC Card Reader – HIP2 X3D03A, Analog Fax Accessory CC487A
Duty Cycle	Monthly, letter: Up to 300,000 pages	HP Service and Support Options	U9LP3E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed; U9LP4E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color
Recommended Monthly Page Volume	Up to 30,000 pages		LaserJet E778xx MFP Managed; U9LP5E - HP 4 yr Next Business Day Service w/Defective Media
Media Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WiGlossy 96-110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, Cardistock 176-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored		Retention for Color LaserJet E778xx MFP Managed; UJ2P6E - HP 5 yn Hwet Business Day Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed; UJ2P7E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed; UJ2P8E - HP 4 yr 4 hou 9x5 Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed
		Learn more at	

hp.com

¹ No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 5 sec/page for V.17³ Measured using SO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁶ Optional Wireless Direct and Wireless ⁷ Declared yield value in accordance with SO/IEC 17629. For more images printed and ther factors. For more information, visk http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁶ Potional Wireless Direct and Wireless ⁷ Declared yield value in accordance with SO/IEC 17629. For more images printed and ther factors. For ore information, visk http://www.hp.com/go/printerclaims. Exact speed varies depending on where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁷ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁶ Average color composite (CMV) and black declared yields based on SID/IEC 1979B and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/printerclaims. Exact speed varies depending on stan ereptionation, ado papilication, driver, and document to complexity.⁶ Average color composite (CMV) and black declared yields based on SID/IEC 1979B and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnabustupplies.⁸ Scan speeds measured mapilication science for more information and applic

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HP A3 Color LaserJet Flow MFP E77825z 25PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A64A	Base Engine for E77825z	\$13,276.87
X3A80A	Speed Option for E77825z	\$809.56
Y1G17A	Cabinet	\$830.87
Y1F97A	Dual Cassette 2 x 520 Sheets	\$2,045.22
Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP Color LaserJet Managed MFP E77830dn



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.¹

Print Speed:Letter: Up to 30 ppm black; Up to 30 ppm color; First Page Out: As fast as 8 sec black; As fast as 8.6 sec color Print Resolution:Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory:Standard: 6 GB; Maximum: 6 GB

Mobile Printing Capability:SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication Paper Handling:100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-down

output bin Display:8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)





:4 Mac

AirPrint





¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printerscurityclaims² Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.connected.com³ Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printescurity



Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 30 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.4
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.
- Load up to 100 pages into the automatic document feeder for fast, unattended scanning.

HP Color LaserJet Managed MFP E77830dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond
Print Speed	Letter: Up to 30 ppm black; Up to 30 ppm color; First Page Out: As fast as 8 sec black; As fast as 8.6 sec color ³	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15, 8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive,
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed		Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 1 x 17, 12 x 18, 8k, 16k
Print Technology	Laser	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)		x 17 in
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-
Printer Smart Software Features	Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color documents at a competitive low cost with an HP Color Laser Jet MFP built to		down output bin; DuplexOptions: Automatic (standard): AutoDocumentFeederCapacity: Standard, 250 sheets; EnvelopeFeeder: No; StandardPaperTrays: 3; InputCapacities: Up to 520 sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes
	make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP Laser Jet MFP designed for maximum uptime, so you can count on reliable, results day in and day out.	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers (DOES NOT INCLUDE TONER) ¹
	Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automaticially monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹¹ —and	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 34,000) W9040MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 32,000) W9041MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 32,000) W9042MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 32,000) W9043MC ⁰
	avoid extra steps with a Flow MFP designed for maximum productivity.	Product Dimensions	W x D x H : 22.3 x 28.5 x 34.6 in; Maximum : 47 x 50 x 30.5 in
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator	Product Weight	176.92 lb
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;
Scan Resolution	Hardware: UP to 600 x 600 dpi; Optical : Up to 600 x 600 dpi		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended Keyboard
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF,	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Scan Input Modes	JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht) Front panel applications: Copy, E-mail; Fax; Save to Network Folder; Save to USB; Save to Device	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online
Scan Size	Memory; Open Extensibility Platform (OXP) applications		user manuals
Scan Speed	ADF: 11 x 17 in Maximum; 5.5 x 8.5 in Minimum; Flatbed: 11 x 17 in	Fonts and Typefaces	84 scalable TrueType fonts
	Up to 80 ppm/160 ipm (b&w), up to 80 ppm/160 ipm (color) ⁹ Duplex : Up to 160 ipm (b&w), up to 160 ipm (color)	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions
Bit depth / Grayscale levels	24-bit / 256		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium,
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Hick Detect; Auto Straighten; Auto Crop To Page	Compatible Network Operating Systems	Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.) Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 CPD SERVER Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2
Copy Speed	Black (letter): Up to 30 cpm; Color (letter): Up to 30 cpm		SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 1200 x 1200 dpi; Color (text and graphics): Up to 600 x 600 dpi		[for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5.6 [for Windows Server 2008
Maximum Number Of Copies	Up to 999 copies		R2 Terminal Services, 32– and 64-bit], Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32– and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2
Copier Resize	25 to 400%		Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; obolici; ID Scara; bio biulici; JoB Scarage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nove Servers www.novell.com/pinini), Windows Server 2003/2003 & 23.2/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2008 32.2/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32.2/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32.6/6-bit (SP2)
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ²		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2013
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi		R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No: Distinctive Ring Detection Supported: No: Fax Forwarding Supported Yes; Fax Phone TAM bundles Or Development All No: Dellar Schward Mer (net Net Net Net Net Net Net Net Net Net N	Minimum System Requirements	2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services) PC: 2 GB available hard disk space; 05 hardware requirements see microsoft.com; MAC: 1.3 GB available hard drive space; Internet; 05 hardware requirements see Apple.com for more info
	Interface Supported: No; Fax Polling Supported: Yes (soll to receive only); Fax Telephone Mode Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported. No;	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Va
Standard Connectivity	Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1	Acoustics	(+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ^o Accustic Power Emissions: 6.6 (A), printing color simplex A4 at 30 ppm; Acoustic Pressure Emissions: result of the second
Notwork Comphilitie -	Hardware Integration Pocket; 1 Fax modem port	Operating Environment	51 dB(A), printing color simplex A4 at 30 ppm
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	operating environment	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Storage Temperature Range: 14 to 104°F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity
Network Ready Wireless Capability	Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless capabilities standard. There are optional accessories (common to all current Jedi products)	Security Management	Range: 20 to 80% RH; Recommended Humldity Operating Range: 20 to 80% RH Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP,
Mobile Printing Capability	that support wireless. These are listed in the connectivity section, above.	Security Hundgement	EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Pluq-in
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Pluq-in ⁴	Accessories	Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4
Memory	Standard: 6 GB; Maximum: 6 GB		Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Booklet Finisher Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Job
Processor Speed	 2 GHz / Hard disk: One 320 GB Standard, embedded HP High-Performance Secure Hard Disk; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead. Monthly, letter: Up to 300,000 pages 		Separator WG Y1G15A, Tray Heater Y1G22A, 2nd exit Y1G23A, Spacer Y1G24A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, D0D CAC Card Reader CC543B, SIPRNe - Classified Card Reader RB30A, FiH USB Foreign Interface Larmess B51.31 A, vioi internal USB ports fo solutions B5L28A, HDD HP Secure High Performance Hand Disk Drive B5L29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader - HIP 12C20B, HPAC Card Reader -HIP 3X033A, HPAC Card Reader - HIP2 X3D03A, Analog Fax
	Up to 30,000 pages		Accessory CC487A
Media Types Supported	Dain, HP CocRTCIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, MtvyGlossy 131-175g, HP Matte 200g, Cardstock 176-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored	HP Service and Support Options	U9LP3E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; U9LP4E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; U9LP5E - HP 4 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; U9LP6E - HP 5 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; U9LP6E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; U9LP7E - HP 3 yr 4 hour 9x5 Service w/Defective Wedia Retention for Color Laser Jet E778xx MFP Managed; U9LP7E - HP 4 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed;

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¹ No. please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17³ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Optional Wireless ⁵ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies⁵ Power requirements are based on the country/region where the printer isold. Do not convert operating voltages. This will damage the printer and void the product warranty.⁷ Measured using ISO/IEC 19754, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁶ Average color composite (CIMV) and black detared vields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁶ Average color composite (CIMV) and black detared vields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupples.⁵ Secan speeds may vary depending on scan resolution, network conditions, computer performance, and application software.



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HP A3 Color LaserJet E77830dn 30PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 100 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A61A	Base Engine for E77830dn	\$10,507.30
X3A84A	Speed Option for E77830dn	\$2,130.43
Y1G17A	Cabinet	\$830.87
Y1F97A	Dual Cassette 2 x 520 Sheets	\$2,045.22
Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP Color LaserJet Managed Flow MFP

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.¹

Print Speed:Letter: Up to 30 ppm black; Up to 30 ppm colorFirst Page Out: As fast as 9.7 sec black; As fast as 11.4 sec color

Print Resolution:Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Standard Connectivity:2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory:Standard: 7 GB; Maximum: 7 GB Mobile Printing Capability: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPSec/Firewall with Certificate, Pre-Shared Kev Authentication. and Kerberos Authentication.

Paper Handling:100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display:8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)















Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP Laser Jet wakes up quickly and prints fast—up to 30 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.4
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/printersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims² Requires an Internet connection to the printers. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printersecurityclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerscurity.⁵ Scan speed measured from ADF at default 300 dpi (lack-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

HP Color LaserJet Managed Flow MFP E77830z Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond	
Print Speed	Letter: Up to 30 ppm black; Up to 30 ppm color; First Page Out: As fast as 9.7 sec black; As fast as 11.4 sec color ³	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 1 8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive,	
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed		Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k	
Print Technology	Laser	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6	
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)		x 17 in	
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500	
Printer Smart Software Features	Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color documents at a competitive low cost with an HP Color LaserJet MFP built to make your work-and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect		sheet face-down output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity: Standard, 250 sheets; Envelope Feeder: No; Standard Paper Trays: 3; Input Capacities: Up to 520 sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes	
		What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers (DOES NOT INCLUDE TONER) ¹	
		Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 34,000) W9040MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 32,000) W9041MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 32,000) W9042MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 32,000) W9043MC ⁸	
	people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹¹ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Product Dimensions	W x D x H: 23 x 30.5 x 36.5 in: Maximum: 47 x 50 x 30.5 in	
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator	Product Weight	176.92 lb	
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.	
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;	
Scan Resolution	Hardware: UP to 600 × 600 dpi; Optical : Up to 600 × 600 dpi		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended Keyboard	
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR),	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)	
	RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access US8: PDF, JPEC, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access US8: PDF, PS, Print Ready files (Dr., n.d., cht)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals	
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device	Fonts and Typefaces	84 scalable TrueType fonts	
	Memory; Open Extensibility Platform (OXP) applications	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,	
Scan Size	ADF : 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed : 11 x 17 in		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12	
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁹ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium,	
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)	
Bit depth / Grayscale levels	24-bit / 256	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release	
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Frase; Auto Color Sense; Auto Corp To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	Systems	2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.04, S. Citrix XenApp 5.0 (PI Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0 (S- for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0 (S- Server 2012 and 2012 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0 (S- Server 2012 and 2012 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit, Citrix XenDesktop 5.6 (F) Windows Server 2012 and 2012 R2 Terminal Services, 64-bit, Citrix XenDesktop 5.6 (F) Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit, Citrix XenDesktop 5.6 (F) 0.7.5 (for Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6 (F) 0.7.5 (for Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6 (F) 0.7.5 (for Windows Server 2008 R2 SP Terminal Services, 64-bit), Woell NetWare 6.5 (5) 528 Novell Citris XenXenDesktop 5.6 (F) 0.07.5 (for Windows Server 2008 R2 SP Terminal Services, 64-bit), Citrix XenDesktop 5.6 (F) 0.07.5 (for Windows Server 2008 R2 SP Terminal Services, 64-bit), Citrix XenDesktop 5.6 (F) 0.07.5 (for Windows Server 2008 R2 SP Terminal Services, 64-bit), Citrix XenDesktop 5.6 (F) 0.07.5 (for Windows Server 2008 R2 SP Terminal Services, 64-bit), Citrix XenDesktop 5.6 (F) 0.07.5 (for Windows Server 2008 R2 SP Terminal Services, 64-bit), Citrix XenDesktop 5.6 (F) 0.07.5 (for Windows Server 2008 R2 SP Terminal Services, 64-bit), Citrix XenDesktop 5.6 (F) 0.07.5 (for Windows Server 2012 N2 O) 2 XE	
Copy Speed	Black (letter): Up to 30 cpm; Color (letter): Up to 30 cpm			
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 1200 x 1200 dpi; Color (text and graphics): Up to 600 x 600 dpi			
Maximum Number Of Copies	Up to 999 copies		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nove Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)	
Copier Resize	25 to 400%		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bi (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2	
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scan; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server	
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ²		2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)	
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB availabl hard drive space; Internet; OS hardware requirements see Apple.com for more info	
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No: Distinctive Ring Detection Supported: No: Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No: Fax Polling Supported: Yes; (pill to receive only): Fax Telephone Mode Supported: No: Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 21 destinations); PC Interface Supported: No; Bunche Retrieval Capability Supported: No;	Power	Power Supply Type Internal (Sult-in) power supply; Power Requirements: Input voltage: 110 to 127Va (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁶	
		Acoustics	Acoustic Power Emissions: 6.7 B(A), printing color simplex A4 at 30 ppm; Acoustic Pressure Emissions: 51 dB(A), printing color simplex A4 at 30 ppm	
Standard Connectivity	Telephone Handset Supported: No 2 Hi-Speed USB 2.0 asks; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storag Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH. Operating Humidity Range: 20 to 80% RH. Recommended Humidity Operating Range: 20 to 80% RH	
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,	
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)		EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos	
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products)	Accessories	Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG	
Mobile Printing Capability	that support wireless. These are listed in the connectivity section, above. Management security: SNMPV3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos		Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher X Booklet Fin Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A	
M	Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in ⁴		Separator WG Y1G15A, Tray Heater Y1G22A, 2nd exit Y1G23A, Spacer Y1G24A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, DOD CAC Card Reader CC543B, SIPRNe	
Memory	Standard: 7 GB; Maximum: 7 GB		- Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two internal USB ports for	
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk, Total 640 GB, AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500 GB FIPS 140-2 validated hard disk instead.		solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card R HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A	
Duty Cycle	Monthly, letter: Up to 300,000 pages	HP Service and Support Options U9LP3E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E776		
Recommended Monthly Page Volume	Up to 30,000 pages		MFP Managed; U9LP4E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed; U9LP5E - HP 4 yr Next Business Day Service w/Defective Media	
Media Types Supported	Plain, HP ExcEFICENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Hw Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, MH Matte 200g, Cardischt 776-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Clored		Laser Jet E / Josx MH* Managed; US-DS= - HH* 4 y Next Business Guy Service Wuletective Media Retention for Color Laser Jet E 773bx MFP Managed; USI-DE - HP 5 y Next Business Day Service WDefective Media Retention for Color LaserJet E 778xx MFP Managed; USI-PE - HP 3 yr 4 hour 9x5 Service WDefective Media Retention for Color LaserJet E 778xx MFP Managed; USI-PE - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet E 778xx MFP Managed	
		Learn more at		

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¹ No. please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17³ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Optional Wireless Direct and Wireless ⁵ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies ⁶ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁷ Measured using ISO/IEC 19759 and continuous printing. Actual yields vary considerably based on ISO/IEC 19799 and continuous printing. Actual yields vary considerably based on ISO/IEC 19799 and continuous printing. Actual yields vary considerably based on ISO/IEC 19799 and continuous printing. Actual yields vary considerably based on Iso/IEC 19799 and continuous printing. Actual yields vary considerably based on Iso/IEC 19799 and continuous printing. Actual yields vary considerably based on Iso/IEC 19799 and continuous printing. Actual yields vary considerably based on Iso/IEC 19799 and continuous printing. Actual yields vary considerably based on Iso/IEC 19799 and continuous printing. Actual yields vary considerably based on Iso/IEC 19799 and continuous printing. Actual yields vary considerably based on Iso/IEC 19799 and continuous printing. Actual yields vary considerably based on Iso/IEC 19799 and continuous printing. Actual yields vary considerably based on Iso/IEC 19799 and continuous printing. Actual yields vary considerably based on Iso/IEC 19799 and continuous printing. Actual yields vary considerably based on Iso/IEC 19799



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HP A3 Color LaserJet Flow MFP E77830z 30PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A64A	Base Engine for E77830z	\$13,276.87
X3A83A	Speed Option for E77830z	\$2,130.43
Y1G17A	Cabinet	\$830.87
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Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP Color LaserJet Managed MFP E87640dn



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.

Print Speed:Letter: Up to 40 ppm black; Up to 40 ppm color; First Page Out: As fast as 6.4 sec black; As fast as 7.5 sec color

Print Resolution:Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory:Standard: 7 GB; Maximum: 7 GB

Mobile Printing Capability: Yes

Paper Handling:100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display:8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)













Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 40 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printerscurityclaims² Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printersCams. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Some features require additional purchase. A FutureSmart Service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity

HP Color LaserJet Managed MFP E87640dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)	
Print Speed	Letter: Up to 40 ppm black; Up to 40 ppm color; FirstPageOut : As fast as 6.4 sec black; As fast as 7.5 sec color ²	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 × 17, 12 × 18, 4 × 6, 5 × 7, 5 × 8,10 × 15, 8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 × 6, 5 × 7, 5 × 8,10 × 15, 16, envelope #10, Envelope Monarch;	
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed		Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k	
Print Technology	Laser	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59 x	
rint Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Paper Handling		
Standard Print languages Printer Smart Software Features	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint [™] compatible Quality color printing for a great value is a smart choice for any business. Produce premium,	Taper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 530 sheet ADF; 500 sheet fac-down output bin: Duplex Options : Automatic factandrit; Auto Document Feeder Capacity : Standard, 250 sheets; Envelope Feeder : No; Standard Paper Trays : 3; Input Capacities : Up to 520 sheets and an	
	professional-quality color documents at a competitive low cost with an HP Color Laser Jet MFP built to make your work—and your business—took its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP Laser let MFP designed for maximum uptime, so you can count on reliable, results davi and davo out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹¹ —and avoid extra steps with a Flow MPP designed for maximum productivity.	What's in the box	sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers. DOES NOT INCLUDE TONER	
		Replacement Cartridges	HP dowae instalia and setup oocumentation, pupper rivels, boles Nor Miccobe Towark HP Black Managed LJ Toner Cartridge (ISO Yield 54,500) W9050MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 52,000) W9051MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 52,000) W9052MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 52,000) W9053MC ⁷	
		Product Dimensions	W x D x H: 23 x 30.3 x 36.7 in: Maximum: 47 x 66 x 30.5 in	
rinter Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator	Product Weight	249.3 lb	
	Template, Add Print Model to Comments, AutollogradeUPD, Driver Configuration Utility, Driver Parents, Add Print Model to Comments, AutollogradeUPD, Driver Configuration Utility, Driver Deployment Utility, PPRADG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin IdP SNMP Proxy Agent, HP WSP Por Oroxy Agent; HP JetAdvantage Security Manager	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppo options in your region.	
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver	
Scan Resolution	Hardware: Up to 600 × 600 dpi; Optical: Up to 600 × 600 dpi	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware	
ican File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn. pcl., c.ht)	Display Description	Integration Pocket; Extended Keyboard 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)	
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller,	
Scan Size	Memory; Open Extensibility Platform (OXP) applications ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in		Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals	
Scan Speed	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) ⁸ Duplex: Up to 180 ipm (b&w), up to 180	Fonts and Typefaces	84 scalable TrueType fonts	
	ipm (color)	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,	
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.1.	
lit depth / Grayscale levels	24-bit / 256		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit	
Jigital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	Compatible Network Operating	textualing R1 Us tor labers), windows / all 32- & b4-bit editions, windows 3/b.1 all 32- & b4-bit editions (excluding R1 OS for Tablets), windows Vista all 2bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.) Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Relea	
Copy Speed	Black (letter): Up to 40 cpm; Color (letter): Up to 40 cpm	Systems	2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2	
Copy Resolution	Black (text and graphics): Up to 600 × 600 dpi; Up to 600 × 600 dpi;		SP1 Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plu Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5	
	Color (text and graphics): Up to 600 x 600 dpi		[for Windows Server 2008 R2 Terminal Services, 32- and 64-bit] Citrix XenApp 6.0/6.5/7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Citrix XenApp 7.5, [for Windows	
Aaximum Number Of Copies	Up to 999 copies		Server 2012 and 2012 R2 Terminal Services, 64-bit] Citrix XenDesktop 5.6, [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit] Citrix XenDesktop 5.6/7.0/7.5, [for Windows Server 2008 R2 S	
Copier Resize	25 to 400%		R2: refiniting services, 32- and op-inition function and interpretation of the services of the service services and services (32- and 64-bit) (trink Services) (32- and 32-012 F Terminal Services, 36- and 34-bit) (trink Service) (35, 150 Novell Clients www.novell.com/init, Novell Print Appliance vol. 0, Novell Open Enterprise Service 11/SP1, Novell Open Enterprise Service 2 for Linux, Ni Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32- (64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2008 32- (64-bit) (SP1/SP2) Standard/Enterprise (- Cluster & Terminal Services), Windows Server 2008 32- (64-bit)	
opier Settings	Two-sided copying scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scan; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview			
Fax Speed	Up to : 33.6 kbps; Letter : 3 sec per page ¹		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1)	
Fax Resolution	Black (best): Up to 300 × 300 dpi (400 × 400 dpi for received faxes only); Black (standard): 203 × 98 dpi		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster &	
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported. Yes; Auto-Redialing; Yes; Fax Delayed Sending: No: Distinctive Ring Detection Supported: No: Fax Forwarding Supported. Yes; Fax Phone TAM Interface Supported. No: Fax Polling Supported: Yes (onl to receive only); Fax: Telephone Mode	Phone TAM	Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Data (+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ & Terminal Services)	
	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB availab hard drive space; Internet; OS hardware requirements see Apple.com for more info	
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127V. (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁵	
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	Acoustics	Acoustic Power Emissions: 6.5 B(A) printing color simplex using A4 paper at 40 ppm; Acoustic Pressur Emissions: 49 dB(A) printing color simplex using A4 paper at 40 ppm	
letwork Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storag	
Vireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.	· · · ·	Operating Temperature Range: 49 to 0447; Nectorimentee Operating Temperature Stationer, social Temperature Range: 44 to 10447; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH	
Mobile Printing Capability	Yes ³	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP,	
lemory	Standard: 7 GB; Maximum: 7 GB		EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 64068, AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Ub Files, Secure Erase-Ob Data, Secure ATA Erase-Disk). Note: U.S. government SkU uses 5006B FIPS 140-2 validated hard disk instead.	Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HCl Department Y1G21A, 3000 Sheet side HCl Department Y1G20A, Inner Finisher Y1G00A, Inner Finishe Hole Punch 2/3 Y1G20A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Sweddin Y1G04A, Stapler/Stacker Finisher Y1G18A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher 8	
Duty Cycle	Monthly, letter: Up to 300,000 pages		Booklet Maker Staples Y1G13A, Booklet Finisher Y1G07A, Hole Punch 2/3 Y1G10A, Hole Punch Y1G11A, Hole Punch Swedish Y1G12A, Job Separator Department Y1G07A, D0D CAC Card Reac CC543B, SJPRNet - Classified Card Reader F8B30A, FiH USB Foreign Interface Hamess B5L31A, internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L	
Recommended Monthly Page Volume	Up to 40,000			
4edia Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, ExtH relevy 131-175g, XHvyGlossy 131-175g, HP Matte 220d, HP Glossy 200d, Carstock 176-220d, Card Glossy 176-220d, Lidht Paperboard 221-255d		JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HP Card Reader – HIP1 C208A, HPAC Card Reader – HIP1 X3D03A, HPAC Card Reader – HIP2 X3D03A, Analog Fax Accessory CC487A	
	Paperboard 25-3000, Heavy Paperboard, Cloio Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored	HP Service and Support Options	UI_STE - HP T yr Next Business Day Service wl/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJ_SEE - HP 3 yr Next Business Day Service wl/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJ_SEE - HP 4 yr Next Business Day Service wl/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJ_SUE - HP 5 yr Next Business Day Service wl/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJ_STE - HP 3 yr 4 hour 9x5 Service wl/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJ_STE - HP 3 yr 4 hour 9x5 Service wl/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJ_STE - HP 4 yr 4 hou 9x5 Service wl/Defective Media Retention for Color Laserlet E876xx MFP Managed;	

Learn more at hp.com

¹Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17² Measured using ISQ/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ³ Optional Wireless ⁹ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁶ Bewer requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁶ Measured using ISO/IEC 2734, excludes first set of test documents. For more information see http://www.hp.com/go/learnaboutsupplies. ⁹ Dever requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁶ Measured using ISO/IEC 2734, excludes first set of test documents. For more information see http://www.hp.com/go/learnaboutsupplies. ⁹ Scan speeds measured from ADF. Actual processing speeds may vary depending on san resolution, network conditions, computer performance, and application software.



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HP A3 Color LaserJet E87640dn 40PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 250 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A73A	Base Engine for E87640dn	\$20,903.83
X3A87A	Speed Option for E87640dn	\$1.00
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP Color LaserJet Managed Flow MFP E87640z

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.

Print Speed:Letter: Up to 40 ppm black; Up to 40 ppm color; First Page Out: As fast as 8.2 sec black; As fast as 9.3 sec color

Print Resolution: Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory: Standard: 7 GB; Maximum: 7 GB Mobile Printing Capability: Yes

Paper Handling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output hin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)

















Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- · Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP Laser Jet wakes up quickly and prints fast—up to 40 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.4
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack the self-validate software integrity in a reboot. For a list of printers, wish http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/PrintersThatProtect. For more information: agreements. For details, see http://www.hpconnected.com³ Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity ⁵ Scan speed measured from ADF at default 300 dpi (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software

HP Color LaserJet Managed Flow MFP E87640z Specifications Table

Eventions / Multitudine Conserved		Madia Weight Curported	
Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)
Print Speed	Letter: Up to 40 ppm black; Up to 40 ppm color; First Page Out: As fast as 8.2 sec black; As fast as 9.3 sec color ²	Media Sizes Supported	Tray 1: Letter, Letter, R. Legal, Executive, Statement, Oficio, 11 × 17, 12 × 18, 4 × 6, 5 × 7, 5 × 8,10 × 1 8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 × 6, 5 × 7, 5 × 8,10 × 15, 16k, envelope #0, Envelope #10, Envelope Monarch;
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed		Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k
Print Technology	Laser	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	N N	18 in
Standard Print languages Printer Smart Software Features	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity Capac
rinter smart sottware reatures	Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color documents at a competitive low cost with an HP Color Laserlet MPP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP Laser let MPP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep you network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹¹ —and avoid extra steps with a Flow MPP designed for maximum productivity.		Standard, 250 sheets; Ervelope Feeder: No; Standard Paper Trays: 3; Input Capacities: Up to 520 sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes
		What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers. DOES NOT INCLUDE TONER
		Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 54,500) W9050MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 52,000) W9051MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 52,000) W9052MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 52,000) W9053MC ⁷
		Product Dimensions	W x D x H : 23 × 30.3 × 36.7 in; Maximum : 47 × 66 × 30.5 in
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator	Product Weight	290.2 lb
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON-EXE, PRRVOR, Migrate-Server-Tools, UpdateNow, Remove Pitug and Pia) Driversi; HP Web Jetadmin Software; Resource Kif for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and supp options in your region.
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access	Display Description	Integration Pocket; Extended Keyboard
	USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Conse lando da Mandara	(OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstalle Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Onlin user manuals
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Fonts and Typefaces	84 scalable TrueType fonts
Scan Size	ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁸ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterpri (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit
Bit depth / Grayscale levels			editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Digital Sending Standard Features	24-bit / 256	Compatible Network Operating	
	Scan to E-mail; Save-to-Network Folder, Save-to-USB drive; Send to Sharepoint; Send to FIP; Send to SFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Frase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	Systems	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 2, and 3), Citrix on Windows Server 2030/2008R2, Citrix on Windows Server 2008/2008R2/2008 R SP1 Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (F Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32 - and 54-bit, Citrix XenApp 5.0, Citrix (For Windows Server 2008 Zerminal Services, 32 - and 54-bit) Citrix XenApp 5.0, Sirver 30, Sirve
Copy Speed	Black (letter): Up to 40 cpm; Color (letter): Up to 40 cpm		Uni Windows server 2008 R2 terminal services, 22- and 64-bit [Litrix Xenipp 2:016:37/-3; Uni Windows Server 2012 and 2012 R2 Terminal Services, 36- and 64-bit [Litrix Xenipp 7:5, ffor Windows Server 2012 and 2012 R2 Terminal Services, 64-bit] (Litrix XenDesktop 5.6, [for Windows Server 2008 R Terminal Services, 32- and 64-bit] (Litrix XenDesktop 5.6, [for Windows Server 2008 R Terminal Services, 32- and 64-bit] (Litrix XenDesktop 5.6, [for Windows Server 2008 R Terminal Services, 32- and 64-bit] (Litrix XenDesktop 5.6, [for Windows Server 2008 R Terminal Services, 32- and 64-bit] (Litrix XenDesktop 5.7, [for Windows Server 2008 R Terminal Services, 32- and 64-bit] (Dirix XenDesktop 7.0, [for Services, 34-bit] (Novell P Appliance v1.0, Novell Open Enterprise Server 5.5/SP8 Novell (Dients twwn.novell.com/iprint, Nindows Server 2003/2003 R2 3: SF1/SP1) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 3 (SP1/SP2) Standard/Enterprise (- Cluster & Terminal Services), Windows Server 2003/2003 R2 46-bit (Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2003 R2-64-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2003 R2-64-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2-64-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2-64-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2-84-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2-84-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2-bit (SP1/SP2) Standard/Enterprise (-Dister R2)
Copy Resolution	Black (text and graphics): Up to 600×600 dpi; Up to 600×600 dpi; Color (text and graphics): Up to 600×600 dpi		
Maximum Number Of Copies	Up to 999 copies		
Copier Resize	25 to 400%		
Copler Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scar, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ¹		Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datace
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi		(+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Clu & Terminal Services)
Fax Features	Pax Memory: Up to 500 pages; Auto Pax Reduction Supported: Yes; Auto-Redialing: Yes; Pax Polayed Sending: No; Distinctive Ring Detection Supported: No; Pax Forwarding Supported: Yes; Pax Phone TAM Interface Supported: No; Eax Polling Supported: Yes; (oli to receive onity): Pax Lelephone Mode Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 2) destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Minimum System Requirements	PC: 2 GB available hard disk space; 0S hardware requirements see microsoft.com; MAC: 1.3 GB avail hard drive space; Internet; 0S hardware requirements see Apple.com for more info
		Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 12
		Acoustics	(+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁵ Acoustic Power Emissions: 6.5 B(A) printing color simplex using A4 paper at 40 ppm; Acoustic Press
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port	Operating Environment	Emissions: 49 dB(A) printing color simplex using About amplex at 40 ppm Emissions: 49 dB(A) printing color simplex using Ab paper at 40 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Stor
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)		Temperature Range: 14 to 104ºF; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidi
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.	Jecunty managel littlik	Management security: SNMP-V3, SL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in
Mobile Printing Capability	Yes ³	Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet H
Memory	Standard: 7 GB; Maximum: 7 GB		Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finish
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Femporary Job Files, Sceure Frase-Wata, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		Hole Punch 2/3 Y1002A, Inner Finisher Hole Punch 2/4 Y1003A, Inner Finisher Hole Punch Swedish Y1604A, Stapler/Stacker Finisher Y1618A, Stapler/Stacker Finisher Staples Y1614A, Inner Finisher & Bookder Maker Staples Y1613A, Bookler Finisher Y1007A, Hole Punch 2/3 Y1610A, Hole Punch 2/3 Y1611A, Hole Punch Swedish Y1612A, Job Separator Department Y1601A, DOD CAC Card Reader CC543B, SIPRNet - Classified Card Reader F8830A, FiH USB Foreign Interface Harness BS131A, Two
Duty Cycle	Monthly, letter: Up to 300,000 pages		internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29 JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, H
Recommended Monthly Page Volume	Up to 40,000		Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Apalent Eav Accessory CC487A
Media Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WiGlossy 96-110g, Hv Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvgGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored	HP Service and Support Options	Analog Fax Accessory CC487A UJL57E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJL58E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJL59E - HP 4 yr Next Business Day Service w/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJLT0E - HP 5 yr Next Business Day Service w/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJLT1E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJLT2E - HP 4 yr 4 h 0 cf 5 Greiger W/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJLT2E - HP 4 yr 4 h 0 cf 5 Greiger W/Defective Media Retention for Color Laserlet E876xx MFP Managed; UJLT2E - HP 4 yr 4 h
		Learn more at	9x5 Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed

Learn more at hp.com

¹ Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17² Measured using 50/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.³ Optional Wireless ³ Directard vield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies.⁶ Power requirements are based on the country/region where the printer is sold. Ob not convert operating voltages. This will damage the printer and vield the product warranty. ⁶ Measured using ISO/IEC 1973. Actual yields vary considerably based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and vield the product warranty. ⁶ Measured using ISO/IEC 24734, excludes first set of test documents. For ea thttp://www.hp.com/go/learnaboutsupplies. ⁵ Power requirements see http://www.hp.com/go/learnaboutsupplies.⁶ Power requirements are based on the country/region where the printer is odd. Do not convert operating voltages. This will damage the printer and vield the product warranty. ⁶ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/learnaboutsupplies.⁶ Power requirements are based on the section of the system configuration, software application, driver, and document complexity. ⁷

mit(z)/www.hp.com/governatoroscoppies - Nuclea years way considerably based on images printed and one ractors - or declars see int(z)/www.hp.com/go/printerclaims. Exact speed varies depending on the soft. Do biol control were one printed and outer years way and the printer and void the product warranty. ⁶ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁷ Average color composite (I/M/V) and black declared vields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsuppiles ⁸ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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HP A3 Color LaserJet Flow MFP E87640z 40PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

		-
Part #	Description	List Price
X3A76A	Base Engine for E87640z	\$23,673.39
X3A86A	Speed Option for E87640z	\$1.00
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP Color LaserJet Managed MFP E87650dn



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.¹

Print Speed:Letter: Up to 50 ppm black; Up to 50 ppm color; First Page Out: As fast as 6 sec black; As fast as 6.9 sec color

Print Resolution:Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory:Standard: 7 GB; Maximum: 7 GB

Mobile Printing Capability: Yes

Paper Handling:100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display:8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)









C 6877



Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 50 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printerscurityclaims² Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printersCams. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerscurity.

HP Color LaserJet Managed MFP E87650dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)
Print Speed	Letter: Up to 50 ppm black; Up to 50 ppm color; FirstPageOut : As fast as 6 sec black; As fast as 6.9 sec color ²	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15 8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 10 x 15, 16k, envelope #9, Envelope #10, Envelope Monarch;
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed		Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k
Print Technology	Laser	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59 x
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Des es lles dis s	18 in
Standard Print languages Printer Smart Software Features	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible Quality color printing for a great value is a smart choice for any business. Produce premium,	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity. Standard, 250 sheets; Envelope Feeder. No; Standard Paper Trays: 3; Input Capacities: Up to 520
	professional-quality color documents at a competitive low cost with an HP Color Laser Left MFP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Novid pauses in productivity with an HP Laser let MFP designed for maximum uptime, so you can count on reliable, results day in and day out.	What's in the box	sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW;
			Hardware install and setup documentation; Support flyers. DOES NOT INCLUDE TONER
	Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 54,500) W9050MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 52,000) W9051MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 52,000) W9052MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 52,000) W9053MC ⁷
	people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹¹ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Product Dimensions	W x D x H : 23 x 30.3 x 36.7 in; Maximum : 47 x 66 x 30.5 in
rinter Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator	Product Weight	290.2 lb
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON LXEK, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource KIt for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppo options in your region.
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;
ican File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF,		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended Keyboard
can Input Modes	JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .p.cl, .cht) Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device	Display Description Software Included	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
can Size	Memory: Open Extensibility Patform (OVP) applications ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in	Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
can Speed	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) ⁸ Duplex: Up to 180 ipm (b&w), up to 180	Fonts and Typefaces	84 scalable TrueType fonts
	ipm (color)	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,
icanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprisi (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.1
it depth / Grayscale levels	24-bit / 256		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit
igital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Strainkten; Auto Crop To Page	Compatible Network Operating	editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.) Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release
Copy Speed	Black (letter): Up to 50 cpm; Color (letter): Up to 50 cpm	Systems	2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2
Copy Resolution	Black (text and graphics): Up to 600 × 600 dpi; Up to 600 × 600 dpi; Color (text and graphics): Up to 600		SP1 Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plu Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 [featWindows Server 2009.D7 Service] Service 3.2. and 64-bit, Citrix XenApp 5.0/6.5
Anvimum Number Of Conies	x 600 dpi		[for Windows Server 2008 R2 Terminal Services, 32- and 64-bit] Citrix XenApp 6.0/6.5/7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Citrix XenApp 7.5, [for Windows
Aaximum Number Of Copies	Up to 999 copies		Server 2012 and 2012 R2 Terminal Services, 64-bit] Citrix XenDesktop 5.6, [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit] Citrix XenDesktop 5.6/7.0/7.5, [for Windows Server 2008 R2 S
Copier Settings	25 to 400%		Terminal Services, 32- and 64-bit] Citrix XenDesktop 7.0/7.5, [for Windows Server 2012 and 2012 R Terminal Services, 64-bit] Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrin
	Two-sided copying: scalability: image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scara (booklet; JD Scara); evatermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, No Servers www.novell.com/iprind), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32- (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2003/2023 R2 32-/64-bit (SP
Fax Speed	Up to : 33.6 kbps; Letter : 3 sec per page ¹		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1)
Fax Resolution	Black (best): Up to 300 × 300 dpi (400 × 400 dpi for received faxes only); Black (standard): 203 × 98 dpi		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster &
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing; Yes; Fax Delayed Sending: No: Distinctive Ring Detection Supported: No: Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No: Fax Polling Supported: Yes (poll to receive only); Fax Telephone Mode		Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacent: (+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Clus & Terminal Services)
	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB availal
the second of the second se	(each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Power	hard drive space; Internet; OS hardware requirements see Apple.com for more info Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127V
itandard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port	Acoustics	(+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁵
etwork Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	Acoustics	Acoustic Power Emissions: 6.6 B(A) printing color simplex using A4 paper at 50 ppm; Acoustic Pressu Emissions: 49 dB(A) printing color simplex using A4 paper at 40 ppm
letwork Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Operating Environment	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Stora
Vireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.		Temperature Range: 14 to 104°F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
Aobile Printing Capability	Yes ³	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos
lemory	Standard: 7 GB; Maximum: 7 GB		Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 64068, AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.	Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HC Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finishe Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher 8
Outy Cycle	Monthly, letter: Up to 300,000 pages		Booklet Maker Staples Y1G13A, Booklet Finisher Y1G07A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, Job Separator Department Y1G01A, DOD CAC Card Reader
ecommended Monthly Page Volume	Up to 45,000		CC543B, SIPRNet - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A,
ledia Types Supported	Plain, HP EcoEFICENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, HtvyGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g,	HP Service and Support Options	JetDirect USB Wireless Print Server 18031A, HP JetDirect Wireless Print Server with NFC 18030A, HPA Card Reader – HIP1 C2208A, HPAC Card Reader – HIP1 X3D03A, HPAC Card Reader – HIP2 X3D03A, Analog Fax Accessory CC487A
	Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored		UBLS7E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color Laserlet B75xx MPP Managet (JUSISE - HP 3 yr Next Business Day Service w/Defective Media Retention for Color Laserlet B37xx MPP Managet (JUSISE - HP 4 yr Next Business Day Service w/Defective Media Retention for Color Laserlet B37xx MPP Managet (JULIOE - HP 5 yr Next Business Day Service w/Defective Media Retention for Color Laserlet B37xx MPP Managet (JULI E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laserlet B37xx MPP Managet (JULI E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laserlet B37xx MPP Managet (JULI E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laserlet B37xx MPP Managet
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Learn more at hp.com

¹Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17² Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ³ Optional Wireless ⁴ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies ⁵ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁶ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁷ Average coin composite (CM/V) and black declared yields based on ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁷ Average coin composite (CM/V) and black declared yields based on ISO/IEC 19734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁷ Average coin composite (CM/V) and black declared yields based on ISO/IEC 19734, exclude first set of test documents or printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies ⁸ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.



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HP A3 Color LaserJet E87650dn 50PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 250 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A73A	Base Engine for E87650dn	\$20,903.83
X3A90A	Speed Option for E87650dn	\$4,814.78
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP Color LaserJet Managed Flow MFP E87650z

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.

Print Speed: Letter: Up to 50 ppm black; Up to 50 ppm color; First Page Out: As fast as 7.3 sec black; As fast as 8.4 sec color

Print Resolution: Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory:Standard: 7 GB; Maximum: 7 GB

Mobile Printing Capability: Yes

Paper Handling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output hin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)

















Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP Laser Jet wakes up quickly and prints fast—up to 50 ppm.³

The world's most secure printing

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.4
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack the self-validate software integrity in a reboot. For a list of printers, wish http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/PrintersThatProtect. For more information: agreements. For details, see http://www.hpconnected.com³ Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity ⁵ Scan speed measured from ADF at default 300 dpi (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software

HP Color LaserJet Managed Flow MFP E87650z Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)
Print Speed	Letter: Up to 50 ppm black; Up to 50 ppm color; First Page Out: As fast as 7.3 sec black; As fast as 8.4 sec color ²	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15 8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8,10 x 15, 16k, envelope #9, Envelope #10, Envelope Monarch;
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed		Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k
Print Technology	Laser	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Dapar Handling	18 in
Standard Print languages Printer Smart Software Features	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible Ouality color printing for a great value is a smart choice for any business. Produce premium.	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet ADF; 500 sheet face-down output bin: Duplex Options: Automatic (standard); Auto Document Feeder Capacity. Standard, 250 sheets; Envelope Feeder. No: Standard Paper Trays. 3: Input Capacities: Up to 520
	professional-quality color documents at a competitive low cost with an HP Color Laser Jet MFP built to		sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes
	make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP Laser-let MFP designed for maximum uptime, so you can count on reliable, results day in and day out.	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers. DOES NOT INCLUDE TONER
	Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 54,500) W9050MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 52,000) W9051MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 52,000) W9052MC, IP Magenta Managed LJ Toner Cartridge (ISO Yield 52,000) W9053MC ⁷
	people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹¹ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Product Dimensions	W x D x H: 23 x 30.3 x 36.7 in; Maximum: 47 x 66 x 30.5 in
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver	Product Weight Warranty Features	290.2 lb 90 day parts only. Extended Warranty and support options vary by product, country and local legal
	Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager		requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppo options in your region.
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical : Up to 600 x 600 dpi	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;
Scan File Format	Digital Send: PDF, HI-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (IOCR), Searchable PDF (IOCR), Searchable PDF/A (IOCR), HTML (IOCR), CSV (IOCR); Scan to easy access	Diaslas Description	illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended Keyboard
	USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Scon Innut Modes	(OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.pm, .pcl, .cht)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Fonts and Typefaces	84 scalable TrueType fonts
Scan Size	ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁰ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterpris (60, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS mac(OS 10.1) Sierar, OS X10.10 Yosemite, OS X10.11 E Capitan, UNIX, Windows 10 all 32- & 64-bit editions
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit
Bit depth / Grayscale levels	24-bit / 256		editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect: Auto Straighter; Auto Crop Page	Compatible Network Operating Systems	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008R2 SP1 Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix RenApp 5.0 (PI Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0/6.1
Copy Speed	Black (letter): Up to 50 cpm; Color (letter): Up to 50 cpm		[for Windows Server 2008 R2 Terminal Services, 32- and 64-bit] Citrix XenApp 6.0/6.5/7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Citrix XenApp 7.5, [for Windows
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 600 x 600 dpi; Color (text and graphics): Up to 600 x 600 dpi		Server 2012 and 2012 R2 Terminal Services, 64-bit] Citrix XenDesktop 5.6, [for Windows Server 200 R2 Terminal Services, 32- and 64-bit] Citrix XenDesktop 5.6/7.0/7.5 , [for Windows Server 2008 R2 5
Maximum Number Of Copies	Up to 999 copies		Terminal Services, 32- and 64-bit] Citrix XenDesktop 7.0/7.5, [for Windows Server 2012 and 2012 R. Terminal Services, 64-bit] Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrin
Copier Resize	25 to 400%	Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell O	Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, No Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copler Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scara; bobuld; job Scarage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 22- (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Standard/Enterprise/Datacenter (+ Cluster & Server 2008 R2 64-bit (SP1))
Fax Speed	Up to : 33.6 kbps; Letter : 3 sec per page ¹		Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacent
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi		(+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Clus & Terminal Services)
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB availa hard drive space; Internet; OS hardware requirements see Apple.com for more info
	Interface Supported: No: Fax Polling Supported: Yes (boll to receive only); Fax Telephone Mode Supported: No: Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported No;	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127V (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁵
Standard Connectivity	Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1	Acoustics	Acoustic Power Emissions: 6.6 B(A) printing color simplex using A4 paper at 50 ppm; Acoustic Pressu Emissions: 50 dB(A) printing color simplex using A4 paper at 50 ppm
Network Capabilities	Hardware Integration Pocket; 1 Fax modern port	Operating Environment	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Stora
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)		Temperature Range: 14 to 104°F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidit; Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
Wireless Capability	Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless capabilities standard. There are optional accessories (common to all current Jedi products)	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos
Mobile Printing Capability	that support wireless. These are listed in the connectivity section, above.	.	Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in
	Yes ³	Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HC Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finish
Memory	Standard: 7 GB; Maximum: 7 GB		Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary. Job Files, Scure Erase-Job ALA, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		Y1G04A, Stapler/Stacker Finisher Y1G18A, Stapler/Stacker Finisher Staples Y1G1AA, Inner Finisher & Bookdet Maker Staples Y1G13A, Bookdet Finisher Y1G07A, Hole Puntch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, Job Separator Department Y1G01A, DOD CAC Card Reader CC543B, SIPRNet - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two
Duty Cycle	Monthly, letter: Up to 300,000 pages		internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPA
Recommended Monthly Page Volume	Up to 45,000		Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A,
Media Types Supported	Plain, HP EcoEFIGENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g,Heavy 111-130g, Mid-WtGlossy 96-110g, Hwy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Ekrat Heavy 131-175g, HV Bolkossy 131-175g, HV Bolkossy 131-175g, HV Bolkossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored	HP Service and Support Options	Analog Fax Accessory CC487A UJLS7E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; UJLS8E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; UJLS9E - HP 4 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; UJLT0E - HP 5 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; UJLT1E - HP 3 yr A hour 9x5 Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; UJLT2E - HP 4 yr 4 ho
		Learn more at	9x5 Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed

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¹ Based on standard (TU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17² Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.³ Optional Wireless ¹Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁵Power requirements are based on the control/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁶ Measured using ISO/IEC 24734, exclude first set of test document. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁷ Average color composite (CM/N) and black declared yields based on continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies ⁸ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.



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HP A3 Color LaserJet Flow MFP E87650z 50PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A76A	Base Engine for E87650z	\$23,673.39
X3A89A	Speed Option for E87650z	\$4,814.78
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP Color LaserJet Managed MFP E87660dn



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.¹

Print Speed:Letter: Up to 60 ppm black; Up to 60 ppm color; First Page Out: As fast as 5.3 sec black; As fast as 6.3 sec color

Print Resolution:Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory:Standard: 7 GB; Maximum: 7 GB

Mobile Printing Capability: Yes

Paper Handling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display:8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)









Print





Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 60 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printerscurityclaims² Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printersCams. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerscurity.

HP Color LaserJet Managed MFP E87660dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)	
Print Speed	Letter: Up to 60 ppm black; Up to 60 ppm color; First Page Out : As fast as 5.3 sec black; As fast as 6.3 sec color ²	Media Sizes Supported	Tray 1: Letter, Letter, R. Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8, 10 x 15 8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R. Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 10 x 15, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k	
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59 x	
Print Technology	Laser		18 in	
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500	
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible		sheet face-down output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity. Standard, 250 sheets; Envelope Feeder: No; Standard Paper Trays: 3; Input Capacities: Up to 520	
Printer Smart Software Features	Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color documents at a competitive low cost with an HP Color Laser Jet MFP built to make your work—and your business—dook its best. Annoying interruptions and complex maintenance	What's in the box	sheets: Output Capacities: Up to 500 sheets: Up to 40 envelopes Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support (Presz, DOES NOT INCLUDE TONER	
	can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP Laser Jet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 54,500) W9050MC, HP (yan Managed LJ Toner Cartridge (ISO Yield 52,000) W9051MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 52,000) W9052MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 52,000) W9053MC ⁷	
	software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹¹ —and	Product Dimensions	W x D x H: 23 x 30.3 x 36.7 in; Maximum: 47 x 66 x 30.5 in	
	avoid extra steps with a Flow MFP designed for maximum productivity.	Product Weight	290.2 lb	
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCONEXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppo options in your region.	
C T (T	Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver	
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware	
Scan Resolution	Hardware: Up to 600 × 600 dpi; Optical: Up to 600 × 600 dpi		Integration Pocket; Extended Keyboard	
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)	
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer,/Uninstaller, Mac 05 Welcome Screen (Directs users to 123.HP.com or 05 App Source for printer software), Online user manuals	
Scan Size	ADF : 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed : 11 x 17 in	Fonts and Typefaces	84 scalable TrueType fonts	
Scan Speed	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) ⁸ Duplex: Up to 180 ipm (b&w), up to 180 ipm (color)	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise	
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		(6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.1. Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions	
Bit depth / Grayscale levels	24-bit / 256		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit	
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Coro To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi Didi Internet Auto Encipiente Auto Coro To Dee	Compatible Network Operating Systems	editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.) Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 2. and 3). Citrix on Windows Server 2003/2003R2. Citrix on Windows Server 2008/2008R2/2008 R2	
Copy Speed	Multi-Pick Detect; Auto Straighten; Auto Crop To Page		SP1 Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plu	
Copy Resolution	Black (letter): Up to 60 cpm; Color (letter): Up to 60 cpm Black (text and graphics): Up to 600 x 600 dpi; Up to 600 x 600 dpi; Color (text and graphics): Up to 600 x 600 dpi; Solor (text and graphics): Up to 600 x 600 dpi;		Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Cltrix XenApp 6. [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit] Cltrix XenApp 6.06.5(7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 54-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 54-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 54-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 54-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 54-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 54-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 54-bit] Cltrix XenApp 7.5, [for Windows Server 2008 R2 SP1 Terminal Server 2008	
Maximum Number Of Copies	Up to 999 copies		Server 2012 and 2012 R2 Terminal Services, 64-bit] Citrix XenDesktop 5.6, [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit] Citrix XenDesktop 5.6/7.0/7.5, [for Windows Server 2008 R2 Si	
Copier Resize	25 to 400%		Terminal Services, 32- and 64-bit] Citrix XenDesktop 7.0/7.5, [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit] Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint	
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness): optimized text/picture (text, mixed, printed picture, photograph), N-Up; N or Z-ordering; content orientation; collation; oboliet; ID S cara; bobildi; Job S Carage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Applance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nov Servers www.novell.com/lprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datatenter (- Cluster & Terminal Services), Windows Server 2003/2003 R2 32-I (SP1/SP2) Standard/Enterprise (- Luster & Terminal Services), Windows Server 2003 22-/64-bit (SP1) Standard/Enterprise (- Luster & Terminal Services), Windows Server 2008 32-/64-bit (SP1) Standard/Enterprise (- Luster & Terminal Services), Windows Server 2008 32-/64-bit (SP1)	
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ¹		Standard/Enterprise (+ Cluster & Terminal Services),	
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi		Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacentr	
Fax Features	Fax Memory. Up to 500 pages: Auto Fax Reduction Supported: Yes: Auto-Redialing: Yes: Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM	Minimum Custom Dominantes	(+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Clust & Terminal Services)	
	Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Telephone Mode Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info	
Standard Connorthith	(each with 210 destinations); PC Interface Supported : Yes; Remote Retrieval Capability Supported : No; Telephone Handset Supported: No	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127V (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ²	
Standard Connectivity Network Capabilities	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Exandred (built in Graphit 10/00/1000T Ethercent)	Acoustics	Acoustic Power Emissions 6.7 B(A) printing color simplex using A4 paper at 60 ppm; Acoustic Pressur Emissions: 49 dB(A) printing color simplex using A4 paper at 40 ppm	
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Operating Environment	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Storag	
Wireless Capability	Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless capabilities standard. There are optional accessories (common to all current Jedi products)		Temperature Range: 14 to 104°F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH	
Mobile Printing Capability	that support wireless. These are listed in the connectivity section, above.	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos	
Memory	Yes ³		Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	
Processor Speed	Standard: 7 GB; Maximum: 7 GB	Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HC Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finishe	
	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SkU uses 500GB FIPS 140-2 validated hard disk instead.		Hole Punch 2/3 V1G02A, Inner Finisher Hole Punch 2/4 V1G03A, Inner Finisher Hole Punch Swedish V1G04A, Stapler/Stacker Finisher V1G18A, Stapler/Stacker Finisher Staples V1G14A, Inner Finisher & Booklet Maker Staples V1G13A, Booklet Finisher V1G07A, Hole Punch 2/3 V1G10A, Hole Punch 2/4	
Duty Cycle	Monthly, letter: Up to 300,000 pages		Y1G11A, Hole Punch Swedish Y1G12A, Job Separator Department Y1G01A, DOD CAC Card Reader CC543B, SIPRNet - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two	
Recommended Monthly Page Volume	Up to 50,000		internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, I JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPA	
Media Types Supported	Plain, HP EcoEFICENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g,Hewy 111-130g, Mid-WiGlossy 96-110g, Hw Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy	HP Service and Support Options	Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A U9L57E - HP1 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xx MFP Managet (J9L58E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color	
	Paperobard 256-300g, Heavy Paperbard, Color Transparency, Labers, Letternead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored		Laser let E37 fox. MPP Managed; U9159E - HP 4 yr Next Business Day Service wDefective Media Retention for Color Laser let E37 fox. MPP Managed; U910TE - HP 5 yr Next Usiness Day Service wDefective Media Retention for Color Laser let E37 fox. MPP Managed; U9LT1E - HP 3 yr 4 hour 9x5 Service wDefective Media Retention for Color Laser LE 87 fox. MPP Managed; U9LT2E - HP 3 yr 4 hour 9x5 Service wDefective Media Retention for Color Laser LE 87 fox. MPP Managed; U9LT2E - HP 3 yr 4 hour 9x5 Service wDefective Media Retention for Color Laser LE 87 fox. MPP Managed; U9LT2E - HP 3 yr 4 hour 9x5 Service wDefective Media Retention for Color Laser LE 87 fox. MPP Managed; U9LT2E - HP 3 yr 4 hour	

Learn more at hp.com

¹ Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17² Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.³ Optional Wireless ¹ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁵ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁶ Measured using ISO/IEC 2734, excludes first set of test documents. For more information see http://www.hp.com/go/learnaboutsupplies. ⁵ Power requirements are based on the system configuration, software application, driver, and document complexity. ⁷ Average color composite (CMV) and black declared yields based on SI/IEC 19734, excludes first set of test documents. For more information see http://www.hp.com/go/learnaboutsupplies. ⁶ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.



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HP A3 Color LaserJet E87660dn 60PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 250 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A73A	Base Engine for E87660dn	\$20,903.83
X3A93A	Speed Option for E87660dn	\$9,075.65
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP Color LaserJet Managed Flow MFP E87660z

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP Color LaserJet MFPs—to power productivity with a streamlined design that delivers premium color value, maximum uptime, and the strongest security.¹

Print Speed:Letter: Up to 60 ppm black; Up to 60 ppm color; First Page Out: As fast as 7.0 sec black; As fast as 8.1 sec color

Print Resolution:Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory:Standard: 7 GB; Maximum: 7 GB

Mobile Printing Capability: Yes

Paper Handling:100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display:8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)















Big color. Small cost.

- Print premium, professional-quality documents with vivid color images and graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 60 ppm.³

The world's most secure printing

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersThatProtect. For more information to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity ⁵ Scan speed measured form ADE at default 300 dpi (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

HP Color LaserJet Managed Flow MFP E87660z Specifications Table

		Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)
Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 1
Print Speed	Letter: Up to 60 ppm black; Up to 60 ppm color; First Page Out: As fast as 7.0 sec black; As fast as 8.1 sec color ²		8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 × 6, 5 × 7, 5 × 8, 10 × 15, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 × 17, 12 × 18, 8k, 16k
Print Resolution Print Technology	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Laser	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59 18 in
rint Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500
tandard Print languages rinter Smart Software Features	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible		sheet face-down output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity Standard, 250 sheets; Envelope Feeder: No; Standard Paper Trays 3; Input Capacities: Up to 520 sheets; Output Capacities: Up to 300 sheets; Up to 40 envelopes
	Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color documents at a competitive low cost with an HP Color Laser Jet MFP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers, DOES NOT INCLUDE TONER
	can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP Laser Jet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 54,500) W9050MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 52,000) W9051MC, HP Vellow Managed LJ Toner Cartridge (ISO Yield 52,000) W9052MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 52,000) W9053MC ⁷
	software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹¹ —and	Product Dimensions	W x D x H: 23 x 30.3 x 36.7 in; Maximum: 47 x 66 x 30.5 in
	avoid extra steps with a Flow MFP designed for maximum productivity.	Product Weight	290.2 lb
rinter Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCONEXE, HPPPLCD, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and sup options in your region.
Scan Type / Technology	Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Control Panel	Energy Star; Blue Angel; EPEAT silver
ican Resolution	Flatbed, ADF / Platen Scanner CCD Digital-CIS Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi	control and	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended Keyboard
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR),	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
	RTF (OCR), Searchable PDF (OCR), Searchable PDF(A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEC, JFF, MTFF, RSP, PDFA, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDFA (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (pure, p.d., ch)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstall Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Onlir user manuals
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device	Fonts and Typefaces	84 scalable TrueType fonts
ann Cine	Memory; Open Extensibility Platform (OXP) applications	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3
Scan Size	ADF : 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed : 11 x 17 in		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterpri (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.
can Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁸ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit
canner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
it depth / Grayscale levels	24-bit / 256	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Relea
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Frase; Auto Color Sense; Auto Corp To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	Systems	2, and 3). Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R SP1 Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0/f (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit) Citrix XenApp 5.0/fs/7.5, (for Windows Server 2008 R2 PT Terminal Services, 32- and 64-bit) Citrix XenApp 7.5, (for Windows
Copy Speed	Black (letter): Up to 60 cpm; Color (letter): Up to 60 cpm		Server 2012 and 2012 R2 Terminal Services, 64-bit] Citrix XenDesktop 5.6, [for Windows Server 20
opy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 600 x 600 dpi; Color (text and graphics): Up to 600 x 600 dpi		R2 Terminal Services, 32- and 64-bit] Citrix XenDesktop 5.6/7.0/7.5, [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit] Citrix XenDesktop 7.0/7.5, [for Windows Server 2012 and 2012 I Terminal Services, 64-bit] Novell NetWare 6.5/SP8 Novell Clients www.novell.com/jprint, Novell IP
Aaximum Number Of Copies	Up to 999 copies		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, N Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Resize	25 to 400%		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32
Copler Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scar job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview	Standard/Enterprise (+ Cluster & Terminal Services), Windo Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/22008 R2 32-/64-bit (SP1/SP2) Star	(SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (S Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essential/Datace
Fax Speed	Up to : 33.6 kbps; Letter : 3 sec per page ¹		(+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Clu
ax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi	Minimum System Requirements	& Terminal Services)
ax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Polayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No; Fax Polling Supported: Yes (piol to receive only); Fax Fax Relphone Mode Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations). PC Interface Supported: No; Romote Retrieval Capability Supported: No; Ret No; Sunk Barrier Supported: No; Retrievent: No;	Power	PC: 2 GB available hard disk space; 05 hardware requirements see microsoft.com; MAC: 1.3 GB avail hard drive space; Internet; 05 hardware requirements see Apple.com for more info Power Supply Type: Internal (Bull:-In) power supply; Power Requirements: Input voltage: 110 to 12
		Acoustics	(+/-10%), 220 to 240Vac (+/-10%), 50/50 Hz (+/-3%); 5 when equipment and votage +/-0 to Fz (+/-10%), 220 to 240Vac (+/-10%), 50/50 Hz (+/-3%); 5 Acoustic Power Emissions 6.7 B(A) printing color simplex using A4 paper at 60 ppm; Acoustic Press
tandard Connectivity	Telephone Handset Supported: No		Emissions: 49 dB(A) printing color simplex using A4 paper at 40 ppm.
letwork Capabilities	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Sto Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Descent 2016; 00% OUL Research and all hearding to memory and a second second second second second second second
letwork Ready	Standard (built-in Gigabit 10/100/1000T Ethernet) Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH Magazament counting CNMDrd: CEU (TLC MDA2 Entransise 002 IV outbestication (CAD, DEAD
Vireless Capability	Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.	Security Handgement	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerbero Authentication; Support for WIA-10 IPsec Configuration using IPsec Plug-in
Nobile Printing Capability	Yes ³	Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet H
lemory	Yes"Standard: 7 GB; Maximum: 7 GB		Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finis Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish
rocessor Speed	Standard: / GB; Maximum / GB 1.2 GHz / Hard dBsC Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640GB; ABS 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		Y1 G04A, Stapler/Stacker Finisher Y1018A, Stapler/Stacker Finisher Staples Y1014A, Inner Finisher: Booklet Maker Staples Y1013A, Booklet Finisher Y1007A, Hole Punch 2/4 Y1011A, Hole Punch Swedish Y1012A, Job Separator Department Y1001A, D0D CAC Card Reader CC543B, SIPRNet - Classified Card Reader FB830A, Filt USB Foreign Interface Harness BSL31A, Two internal USB ports for solutions BSL32A, NuD PM Secure High Performance Hard Disk Drive BSL29
Duty Cycle	Monthly, letter: Up to 300,000 pages		JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HF Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A,
Recommended Monthly Page Volume	Up to 50,000		Analog Fax Accessory CC487A
4edia Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 95-110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, HVP Mickosy 131-175g, HP Matte 200g, HP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored	HP Service and Support Options	U9L57E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876x MFP Managed; U9L58E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xv MFP Managed; U9L55E - HP 4 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; U9LT0E - HP 5 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; U9LT1E - HP 3 yr Abur Sxt Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; U9LT2E - HP 4 yr 4 H 9x5 Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed; U9LT2E - HP 4 yr 4 H
		Learn more at	and on the independence in our interface for other caterians to owners in the aged

hp.com

¹ Based on standard (TU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.3² and 6 sec/page for V.17² Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ³ Optional Wireless ¹ Declared yield value in accordance with SO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, vist http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For more information, vist weraptication, driver, and document domplexity. ³ Optional Wireless ¹ Declared yield value in accordance with SO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information weraptication, driver, and document optication, vist weraptication, driver, and document complexity. ⁷ Average coin composite (CM/N) and black declared yields based on SI/IEC 19752. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁷ Average coin composite (CM/N) and black declared yields based on continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies ⁸ Can speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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HP A3 Color LaserJet Flow MFP E87660z 60PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A76A	Base Engine for E87660z	\$23,673.39
X3A92A	Speed Option for E87660z	\$9,075.65
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher



A3 Mono LaserJet MFPs

- E72525dn 25PPM BW
- E72525z 25PPM BW (Flow Series...Includes keyboard & OCR)
- E72530dn 30PPM BW
- E72530z 30PPM BW (Flow Series...Includes keyboard & OCR)
- E72535dn 35PPM BW
- E72535z 35PPM BW (Flow Series...Includes keyboard & OCR)
- E82540dn 40PPM BW
- E82540z 40PPM BW (Flow Series...Includes keyboard & OCR)
- E82550dn 50PPM BW
- E82550z 50PPM BW (Flow Series...Includes keyboard & OCR)
- E82560dn 60PPM BW
- E82560z 60PPM BW (Flow Series...Includes keyboard & OCR)

HP LaserJet Managed MFP E72525dn

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.¹

PrintSpeed: Up to 25 ppm black; First Page Out: As fast as 7.3 sec black

PrintResolution: Black (best): Up to 1200 x 1200 dpi reduced speed

StandardConnectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port StandardMemory:Standard: 6 GB; Maximum: 6 GB

MobilePrintingCapability: Yes

PaperHandling: 100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)





-4 Mac









High quality, low cost

- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 25 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printerscurityclaims² Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printersCams. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Some features require additional purchase. A FutureSmart Service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity

HP LaserJet Managed MFP E72525dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond
Print Speed	Letter: Up to 25 ppm black; ⁷ First Page Out: As fast as 7.3 sec black; ³	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15,
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		8k, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 × 6, 5 × 7, 5 × 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 1
Print Technology	Laser		x 17, 12 x 18, 8k, 16k
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Daper Handling	x 17 in
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet rayer naixuing 100-3-3 MPP9to power productivity with a streamlined design that delivers professional quality, maximum uptum streamlined design that delivers professional quality, maximum streamline streamline	100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-down output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity: Standard, 100 sheets; Envelope Feeder: No; Standard Paper Trays: 3; Input Capacities: Up to 520 sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes	
		What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers (DOES NOT INCLUDE TONER) ¹
	with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 48,000) W9005MC ⁸
	security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate	Product Dimensions	W x D x H : 22.3 x 28.5 x 32.6 in; Maximum : 47 x 50 x 30.5 in
	operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	Product Weight	150.2 lb
	ipm ¹⁰ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator		requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools,	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver
	UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;
Scan Type / Technology	Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware
Scan Resolution	Flatbed, ADF / Flatbed; ADF	Dise lau Descriction	Integration Pocket; Extended Keyboard
Scan File Format	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Scan File Format	Digital Send: PDF, HI-Compression PDF, JPEG, TIFF, MTFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTFF, XPS, PDF/A; Pnin from easy access USB: PDF, PS, Print Ready files (prn, pcl, .ht) Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
	Memory; Open Extensibility Platform (OXP) applications	Fonts and Typefaces	84 scalable TrueType fonts
Scan Size	ADF: 11 x 17 in Maximum; 5.5 x 8.5 in Minimum; Flatbed: 11 x 17 in	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,
Scan Speed	Up to 80 ppm/160 ipm (b&w), up to 80 ppm/160 ipm (color) ⁹ Duplex: Up to 160 ipm (b&w), up to 160 ipm (color)		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sitera, 05 X 10.10 Yosemite, OS X 10.11 ECapitan, UNIX, Windows 10 all 32- 8.64-bit editions
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit
Bit depth / Grayscale levels	24-bit / 256		editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Frase; Auto Color Sense; Auto Corp To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	Compatible Network Operating Systems	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.04/S, Citrix XenApp 5.0 (Piu Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/K-5. (for Windows Server 2008 Terminal Services, 32- and 64-bit), Citrix XenApp 6.0/K-5./
Copy Speed	Black (letter): Up to 25 cpm		Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 600 x 600 dpi		Server 2012 and 2012 R2 Terminal Services, 64-bit), Citrix XenDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit), Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2
Maximum Number Of Copies	Up to 999 copies		Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nove
Copier Resize	25 to 400%		Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scar; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-b) (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-66-bit (SP1/SP2): Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-66-bit (SP1/SP2): Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-66-bit
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ²		R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi	Minimum Sustem Dequirements	2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Features	Fax Memory: Up to 500 pages: Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Elephone Mode	Minimum System Requirements	PC 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Va
	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers		(+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁶
Standard Connectivity	(each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Acoustics	Acoustic Power Emissions: 6.5 B(A), printing mono simplex, A4 at 25 ppm; Acoustic Pressure Emissions: 49 dB(A), printing mono simplex, A4 at 25 ppm
······································	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port	Operating Environment	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Storag
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)		Temperature Range: 14 to 104°F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.		RAP-TLS, IPP over TLS, IPser/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication, Support for WJA-10 IPsec Configuration using IPsec Plug-in
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsed/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication: Support for WLA-10 IPsec Configuration using IPsee Plug-in ⁴	Accessories	Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCl WG/ Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Booklet Finishe Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Jub
Memory	Standard: 6 GB; Maximum: 6 GB		Separator WG Y1G15A, Tray Heater Y1G22A, 2nd exit Y1G23A, Spacer Y1G24A, Hole Punch 2/3
Processor Speed	1.2 GHz / Hard disk: One 320 GB Standard, embedded HP High-Performance Secure Hard Disk; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, D0D CAC Card Reader (CS438, SJPRM) - Classified Card Reader RB30A, FHI USB Proteign Interface Harness B51.31A, How Internal USB ports fr solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader HIP1 (C206A, HPAC Card Reader - HIP1 X3003A, HPAC Card Reader - HIP2 X3003A, Analog Fax
	Monthly, letter: Up to 300,000 pages	HD Service and Support Options	Accessory CC487A
Duty Cycle Recommended Monthly Page Volume Media Types Supported	Monthly, letter: Up to 300.000 pages Up to 50.000 pages	HP Service and Support Options	ALLESSUY UC467A U9LU4E - HP 1 year Next Business Day Service w/Defective Media Retention for Laser Jet E725xx MFP Managed; U9LU5E - HP 3 year Next Business Day Service w/Defective Media Retention for Laser Jet E725xx MFP Managed; U9LU6E - HP 4 year Next Business Day Service w/Defective Media Retention for

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¹ No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17³ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Optional Wireless Direct and Wireless ⁵ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies, Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies, ⁶ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁷ Measured using ISO/IEC 24734, exclude first set of test documents. For more information see http://www.hp.com/go/jearnaboutsupplies, ⁶ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁷ Measured using ISO/IEC 19759 and continuous printing, Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/jearnaboutsupplies ⁹ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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HP A3 Mono LaserJet E72525dn 25PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 100 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A67A	Base Engine for E72525dn	\$9,067.13
X3A60A	Speed Option for E72525dn	\$1.00
Y1G17A	Cabinet	\$830.87
Y1F97A	Dual Cassette 2 x 520 Sheets	\$2,045.22
Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G24A	Spacer - Required for External Finishers Only	\$327.76
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With External Finisher

With Inner Finisher

HP LaserJet Managed Flow MFP E72525z



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.

PrintSpeed: Up to 25 ppm black; First Page Out: As fast as 7.3 sec black

PrintResolution: Black (best): Up to 1200 x 1200 dpi reduced speed

StandardConnectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory: Standard: 7 GB; Maximum: 7 GB

MobilePrintingCapability: Yes

PaperHandling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)















High quality, low cost

- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP Laser Jet wakes up quickly and prints fast—up to 25 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP differs a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go//printersThatProtect. For more information: http://www.hp.com/go//printerscurityclaims? Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity ⁵ Scan speed measured from ADF at default 300 dpi (back-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

HP LaserJet Managed Flow MFP E72525z Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond
Print Speed		Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15,
Print Resolution	Letter: Up to 25 ppm black; ' FirstPageOut: As fast as 7.3 sec black; ³ Black (best): Up to 1200 x 1200 dpi reduced speed		8k, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray 2: Letter, Letter R, Legal, Executive,
Print Technology	Laser		Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 1 x 17, 12 x 18, 8k, 16k
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	x 17 in
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP Laser Jet MFPs—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. ¹ Quality printing for a great value is a smart choice for any business.	raper nanuung	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin; Duplex Options : Automatic (standard); Auto Document Feeder Capacity : Standard, 250 sheets; Envelope Feeder : No; Standard Paper Trays : 3; Input Capacities : Up to 500 sheets; Up to 40 envelopes
	Produce premium, professional-quality documents at a competitive low cost with an HP Laser let MFP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and utilimately, the pace of business. Avoid pauses in productivity	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers (DOES NOT INCLUDE TONER) ¹
	with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 48,000) W9005MC ⁸
	security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate	Product Dimensions	W x D x H : 23 x 30.5 x 34.5 in; Maximum : 47 x 50 x 30.5 in
	operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	Product Weight	150.2 lb
	ipm ¹⁰ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver		requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
	Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools,	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver
	UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;
Scan Type / Technology	Flatbed, ADF / Flatbed; ADF		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended Keyboard
Scan Resolution	Hardware: Up to 600 × 600 dpi; Optical: Up to 600 × 600 dpi	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR), Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (IOCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac 0S Welcome Screen (Directs users to 123.HP.com or 0S App Source for printer software), Online user manuals
	(OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Fonts and Typefaces	84 scalable TrueType fonts
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubunt (12.0, 4.14.0, 15.10), 15.04, 15.00, 15.00
Scan Size	ADF : 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed : 11 x 17 in		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁹ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1
Bit depth / Grayscale levels	24-bit / 256	Systems	 and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus)
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FIP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Frase; Auto Color Sense; Auto Grop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page		Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5.6 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5.6 [for Windows
Copy Speed	Black (letter): Up to 25 cpm		R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 600 x 600 dpi	Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open En Servers www.novell.com/lprint), Windows Server 2003/2003 R2 32-/6 Standard/Enterprise/Datacenter (- Cluster & Terminal Service), Windo	Terminal Services, 64-bit), Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell Nirint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nove Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Maximum Number Of Copies Copier Resize	Up to 999 copies		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windo
Copier Settings	25 to 400%		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit
	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph), N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scar; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Jahadadoviche grade (* vaaase karninna Lei karninna Lei karnina karnina Karnina karnina ka
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ²	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB available
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi	Power	hard drive space; Internet; OS hardware requirements see Apple.com for more info
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed	Fower	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Var (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁶
	Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Telephone Mode	Acoustics	Acoustic Power Emissions: 6.5 B(A), printing mono simplex, A4 at 25 ppm; Acoustic Pressure Emissions
	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers		50 dB(A), printing mono simplex, A4 at 25 ppm
Standard Connectivity	(each with 210 destinations); PC Interface Supported. Yes; Remote Retrieval Capability Supported. No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
Net and Care billity	Hardware Integration Pocket; 1 Fax modem port	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,
Network Capabilities Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)		EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in
Wireless Capability	Standard (built-in Gigabit 10/100/1000T Ethernet)	Accessories	Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG
wireless capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.		Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Booklet Finisher
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos		Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Job Separator WG Y1G15A, Tray Heater Y1G22A, Znd exit Y1G23A, Spacer Y1G24A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, DDD CAC Card Reader CC543B, SIPRNe
Memory	Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in ⁴ Standard: 7 GB; Maximum: 7 GB		 Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, HP JetDirect USB
Processor Speed	Standard: 7 GB; Maximum: 7 GB 1.2GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640		Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader -
	1.2-GH2 / Martu dask: 100 320 Usb Standard, embedded nir high-Verformfance setture hard Disk, Jotal 640 USB, AES 256 And Avare ancryption or greater; Secure erase cabalities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk), Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.	HP Service and Support Options	HIP1 (Z208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A U9LU4E - HP 1 year Next Business Day Service w/Defective Media Retention for Laser Jet E725xx MFP
Duty Cycle	Monthly, letter: Up to 300,000 pages		Managed; U9LU5E - HP 3 year Next Business Day Service w/Defective Media Retention for Laser.Jet E725xx MFP Managed; U9LU6E - HP 4 year Next Business Day Service w/Defective Media Retention for
Recommended Monthly Page Volume	Up to 50,000 pages		Laser Jet E725xx MFP Managed; U9LU7E - HP 5 year Next Business Day Service w/Defective Media
Media Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, Mid-Weight 96-110g, Heavy 111-130g, HP Matte 150g, Extra Heavy 131-175g, HP Matte 200g,		Retention for LaserJet E725xx MP Managed; USULBE - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Laser Let Z75xx MPF Managed; USULBE - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managed
	Cardstock 176-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored	Learn more at	
		Lean more at	

hp.com

¹ No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.34 and printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty.⁷ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁸ Average color composite black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies ⁹ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.



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HP A3 Mono LaserJet Flow MFP E72525z 25PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

Part #	Part # Description	
X3A70A	Base Engine for E72525z	\$11,836.70
X3A59A	Speed Option for E72525z	\$1.00
Y1G17A	Cabinet	\$830.87
Y1F97A	Dual Cassette 2 x 520 Sheets	\$2,045.22
Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G24A	Spacer - Required for External Finishers Only	\$327.76
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With External Finisher

With Inner Finisher

HP LaserJet Managed MFP E72530dn

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.¹

PrintSpeed: Up to 30 ppm black; First Page Out: As fast as 7.3 sec black

PrintResolution: Black (best): Up to 1200 x 1200 dpi reduced speed

StandardConnectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port StandardMemory:Standard: 6 GB; Maximum: 6 GB

MobilePrintingCapability: Yes

PaperHandling: 100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)





-4 Mac









High quality, low cost

- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 30 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printerscurity.claims ² Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printerscurity.claims. ² Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printerscurity.claims. ² Scart speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerscurity

HP LaserJet Managed MFP E72530dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond	
Print Speed	Letter: Up to 30 ppm black; ⁷ First Page Out: As fast as 7.3 sec black; ³	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15,	
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		8k, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11	
Print Technology	Laser		x 17, 12 x 18, 8k, 16k	
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6 x 17 in	
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling		
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP Laser let MFB>— to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. ¹ Quality printing for a great value is a smart choice for any business.	Paper Hardung	100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-dow output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity: Standard, 100 sheets; Envelope Feeder: No: Standard Paper Trays: 3; Input Capacities: Up to 520 sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes	
	dputine, and the sub-index security. "Quality primiting for in great Values or a sinal clouder to any local ress. Produce premaining, professional-quality documents at a competituite low cost with an HP LaceH MPP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and utilizately, the pace of business. Avoid pauses in productivity	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support Flyers (DOES NOT INCLUDE TONER) ¹	
	with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 48,000) W9005MC ⁸	
	day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate	Product Dimensions	W x D x H: 22.3 x 28.5 x 32.6 in; Maximum: 47 x 50 x 30.5 in	
	operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	Product Weight	150.2 lb	
	ipm ¹⁰ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal	
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator		requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.	
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools,	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver	
	UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web	Control Panel		
Con Tune / Technology	Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Control Pariet	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware	
Scan Type / Technology	Flatbed, ADF / Flatbed; ADF		Integration Pocket; Extended Keyboard	
Scan Resolution	Hardware: Up to 600 × 600 dpi; Optical: Up to 600 × 600 dpi	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)	
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prnpcl, .cht)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals	
Scarrinput Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Fonts and Typefaces	84 scalable TrueType fonts	
Scan Size	ADF: 11 x 17 in Maximum; 5.5 x 8.5 in Minimum; Flatbed: 11 x 17 in	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,	
Scan Speed	Up to 80 ppm/160 ipm (b&w), up to 80 ppm/160 ipm (color) ⁹ Duplex: Up to 160 ipm (b&w), up to 160 ipm (color)		Andold, Eardo Angol (20), TLABC 28041 (10), 11, 41, 51, 51, 73, 74, 51, 50, 74, 51, 50, 74, 51, 50, 51, 51, 52, 50, 51, 51, 52, 50, 51, 51, 51, 51, 51, 51, 51, 51, 51, 51	
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit	
Bit depth / Grayscale levels	24-bit / 256		editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)	
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Frase; Auto Color Sense; Auto Corp To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	Compatible Network Operating Systems	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Rele 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5. Feature Pack 28.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/56.7/5. [Store]	
Copy Speed	Black (letter): Up to 30 cpm		Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows	
Copy Resolution	Black (text and graphics): Up to 600 × 600 dpi; Up to 600 × 600 dpi		Server 2012 and 2012 R2 Terminal Services, 64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenDesktop 7.0/7.5 (for Windows Server 2012 and 2012 R2	
Maximum Number Of Copies	Up to 999 copies		Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nove	
Copier Resize	25 to 400%		Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)	
Copier Settings	Two-sided copying: scalability: image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scar; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2); Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-64-bit (SP2 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-64-bit (SP1/SP2); Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2007/2008 R2 32-64-bit (SP1/SP2); Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2007/2017.	
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ²		R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server	
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi	Minimum Custom Doguiromonto	2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)	
Fax Features	Fax Memory: Up to 500 pages: Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Flephone Mode	Minimum System Requirements	PC 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info Power Supply Type. Internal (Built-in) power supply; Power Requirements: input voltage: 110 to 127Va	
	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers		(+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁶	
Standard Connectivity	(each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1	Acoustics	Acoustic Power Emissions: 6.6 B(A), printing mono simplex, A4 at 30 ppm; Acoustic Pressure Emissions S0 dB(A), printing mono simplex, A4 at 30 ppm	
	Hardware Integration Pocket; 1 Fax modem port	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage	
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)		Temperature Range: 14 to 104°F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH	
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,	
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.		EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in ⁴	Accessories	Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCl WG Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Booklet Finish Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Waker Staples Y1G13A, J0	
Memory	Standard: 6 GB; Maximum: 6 GB		Separator WG Y1G15A, Tray Heater Y1G22A, 2nd exit Y1G23A, Spacer Y1G24A, Hole Punch 2/3	
Processor Speed	1.2 GHz / Hard disk: One 320 GB Standard, embedded HP High-Performance Secure Hard Disk; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Iob Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		Y1G10A, Hole Punch. 2/14 Y1G11A, Hole Punch Swedish Y1G12A, D0D CAC Card Reader CC543B, SII - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two Internal USB pon Solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, HPJ eDDrect USB Wireless Print Server 18031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader HIPI CZ208A, HPAC Card Reader - HIPI X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A	
Duty Cycle	Monthly, letter: Up to 300,000 pages	HP Service and Support Options	Accessory LL487A U9LU4E - HP 1 year Next Business Day Service w/Defective Media Retention for LaserJet E725xx MFP	
Recommended Monthly Page Volume	Up to 50,000 pages	The Service and Support Options	Managed; U9LU5E - HP 3 year Next Business Day Service w/Defective Media Retention for LaserJet	
Media Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, Mid-Weight 96-110g, Heavy 111-130g, HP Matte 150g, Extra Heavy 131-175g, HP Matte 200g,		Mariadyu, US-US-29, m ⁺ 3 yeat next bisaness Jady service wi Defective media neterination IC aske net Er25xx MPP Managed; US-USE- HP4 year Next Business Day Service wiDefective Media Retention for Laseriet Er25xx MPP Managed; US-UTE- HP 5 year Next Business Day Service wiDefective Media Retention for Laseriet Er25xx MPP Managed; US-USE- HP 3 year 4 hour 9x5 Service wiDefective Media Retention for Laseriet Er25xx MPP Managed; US-USE- HP 3 year 4 hour 9x5 Service wiDefective Media Retention for Laseriet Er25xx MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service wiDefective Media Retention for Laseriet Er25xx MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service wiDefective Media Retention for Laseriet Er25xx MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service wiDefective Media Retention for Laseriet Er25xx MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service wiDefective Media Retention for Laseriet Er25xx MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service Media Retention for Laseriet Er25xx MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service wiDefective Media Retention for Laseriet Er25xx MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service Media Retention for Laseriet Er25xx MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service WiDefective Media Retention for Laseriet Er25xx MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service WiDefective Media Retention for Laseriet Er25x MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service WiDefective Media Retention for Laseriet Er25x MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service WiDefective Media Retention for Laseriet Brance Media Retention for Laseriet Er25x MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service WiDefective Media Retention for Laseriet Er25x MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service WiDefective Media Retention for Laseriet Er25x MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service WiDefective Media Retention for Laseriet Er25x MPP Managed; USUBE - HP 3 year 4 hour 9x5 Service WiDefective Media Retention 4 hour 4 hour 4 hour 4 hour 4 hour 9x5 Service WiDefective Media Retention	

Learn more at

hp.com

¹ No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17³ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, driver, and document complexity.⁴ Optional Wireless Direct and Wireless ⁵ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies. ⁶ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁷ Measured using ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For more information, see http://www.hp.com/go/learnaboutsupplies. ⁶ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁷ Measured using ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁹ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software

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HP A3 Mono LaserJet E72530dn 30PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 100 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Part # Description	
X3A67A	Base Engine for E72525dn	\$9,067.13
X3A60A	Speed Option for E72525dn	\$1.00
Y1G17A	Cabinet	\$830.87
Y1F97A	Dual Cassette 2 x 520 Sheets	\$2,045.22
Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G24A	Spacer - Required for External Finishers Only	\$327.76
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With External Finisher

With Inner Finisher

HP LaserJet Managed Flow MFP E72530z



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.¹

PrintSpeed: Up to 30 ppm black; First Page Out: As fast as 7.3 sec black

PrintResolution: Black (best): Up to 1200 x 1200 dpi reduced speed

StandardConnectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port StandardMemory:Standard: 7 GB; Maximum: 7 GB

MobilePrintingCapability: Yes

PaperHandling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)











Mac





High quality, low cost

- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 30 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersThatProtect. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerclaims. Social can be required to activate security features. Learn more at http://www.hp.com/go/printerclaims, computer additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerclaims, computer performance, and application software.

HP LaserJet Managed Flow MFP E72530z Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond	
Print Speed	Letter: Up to 30 ppm black; ⁷ First Page Out: As fast as 7.3 sec black; ³	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15,	
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		8k, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11	
Print Technology	Laser		x 17, 12 x 18, 8k, 16k	
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6	
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	x 17 in	
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP Laser Jet MFPs—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. ¹ Quality printing for a great value is a smart choice for any business.	r oper Hundung	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin; Duplex Options : Automatic (standard); Auto Document Feeder Capadity : Standard, 250 sheets; Envelope Feeder : No; Standard Paper Trays : 3; Input Capadities : Up to 520 sheets; Output Capadities : Up to 500 sheets; Up to 40 envelopes	
	Produce premium, professional-quality documents at a competitive low cost with an HP Laser let MFP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and utilizately, the pace of business. Avoid pauses in productivity	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers (DOES NOT INCLUDE TONER) ¹	
	with an HP Laser jet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 48,000) W9005MC ⁸	
		Product Dimensions	W x D x H : 23 x 30.5 x 34.5 in; Maximum : 47 x 50 x 30.5 in	
	operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	Product Weight	150.2 lb	
	ipm ¹⁰ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal	
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator		requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.	
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools,	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver	
	UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;	
Scan Type / Technology	Flatbed, ADF / Flatbed; ADF		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware	
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical : Up to 600 x 600 dpi	Display Description	Integration Pocket; Extended Keyboard	
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR),	Software Included	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)	
	RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF	Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals	
	(OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Fonts and Typefaces	84 scalable TrueType fonts	
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Ubunt (12.0, 4.14.4), 15.10, 16.04, 16.10), OS macOS 10.12	
Scan Size	ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions	
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁹ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8(8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)	
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1,	
Bit depth / Grayscale levels	24-bit / 256	Systems	 and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus 	
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Corp To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page		St. Control of the Windows Server 2008 Terminal Services 32 and 64-bit. (Lift: XenApp 5.0f.: Feature Pack 2:8.3) for Windows Server 2008 Terminal Services, 32- and 64-bit. (Lift: XenApp 5.0f.5; Ifor Windows Server 2008 R2 Terminal Services, 32- and 64-bit.), Clift: XenApp 5.0f.5; for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit.), Clift: XenDesktop 5.6 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit.), Clift: XenDesktop 5.6; for Windows Server 2008 R2 Si R2 Terminal Services, 82- and 64-bit.), Clift: XenDesktop 5.6; for Windows Server 2008 R2 Si	
Copy Speed	Black (letter): Up to 30 cpm		Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2	
Copy Resolution Maximum Number Of Copies	Black (text and graphics): Up to 600 x 600 dpi; Up to 600 x 600 dpi		Terminal Services, 64-bit), Novell NetWare 6.5/SP8 Novell Clients www.novell.com/jprint, Novell IPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nov Servers www.novell.com/jprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)	
Copier Resize	Up to 999 copies		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2)	
Copier Settings	25 to 400% Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph), N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scar, job build; job Storage; watermark; stamp; book mode scars; erase edge; sutomatically detect color/mono; image Preview		Cirina Li, Zuandon Linke Jinze (* Cadatela d'entimati services), Mindows Server 2008 R2 64-bit (STI) Standard Enterprisé (* Cluster & Terminal Services), Mindows Server 2008 R2 64-bit (STI) Standard Enterprisé (* Cluster & Terminal Services), Mindows Server 2008/2008 R2 32-/64-bit (SPI (JSP2) Standard/Enterprise/Datacenter (* Cluster & Terminal Services), Mindows Server 2017 R2 64-bit Standard/Enomation/Essential/SDatacenter (* Cluster & Terminal Services), Mindows Server 2017 2016 (64-bit Standard).	
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ²	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see Apple.com for more info hard drive space; Internet; OS hardware requirements see Apple.com for more info	
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Vac	
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM		(+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁶	
		Acoustics	Acoustic Power Emissions: 6.6 B(A), printing mono simplex, A4 at 30 ppm; Acoustic Pressure Emissions	
	Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Telephone Mode			
e 1.16	Inter face supported: No; Par Poung Supported: Tes (pull of receive only), Par tesphone mode Supported: No; Junk Barrier Supported: Yes; Naminum Speed Daling Numbers: Uo 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Operating Environment	50 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH: Operating Humidity	
Standard Connectivity	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1		50 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 14 to 10%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH	
	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port	Operating Environment Security Management	50 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH: Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP;	
Network Capabilities	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port Standard (built-in Gigabit 10/100/1000T Ethernet)		50 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 14 to 10%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH	
Network Capabilities Network Ready	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port Standard (built-in Gigabit 10/100/1000T Ethernet) Standard (built-in Gigabit 10/100/1000T Ethernet)		S0 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPSed/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WMA-10 EPsec Configuration using Pisee Hug-in Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG	
Network Capabilities Network Ready Wireless Capability	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	50 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 59 to 168%; Recommended Operating Temperature Range: 14 to 104%; Non-Operating HumidIty Range: 10 to 80% RH: Operating HumidIty Range: 20 to 80% RH: Recommended HumidIty Operating Range: 20 to 80% RH: Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802-LX authentication (EAP-PEAP, EAP-TLS), PP over TLS, IPse2/Frevail with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication: Support for WJA-10 Disec Configuration using IPsec Rug-in Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCl WG Y1F99A, Inner Finisher Y1G0A, Inner Finisher Hole Punch 2/4 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch 2/4 Y1G07A, Stapler/Stacker Finisher Y1G17A, Stapler/Stacker Finisher Y1G17A, Stapler/Stacker Finisher Y1G17A, Jonale Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheett HCl WG Y1F99A, Inner Finisher Y1G0A, Stapler/Stacker Finisher Y1G17A, Stapler/Stacker Finisher Y1617A, Stapler/Stacker	
Network Capabilities Network Ready Wireless Capability	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations). PC: Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port Standard (built-in Gigabit 10/100/1000T Ethernet) Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above. Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos	Security Management	S0 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH Management security: SNMPV3; SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), PP over TLS, IPse2Freval with Centificate, Pre-Shared Kay Authentication, and Kerberos Authentication; Support for WIA-10 IPsec Configuration using IPsec Plug-in Cabinet Workgroup Y1G17A, Dual Cassette Fedeer (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG Y1F99A, Inner Finisher Y1G0A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G07A, Stapler/Stacker Finisher Y1G14A, Inner Finisher Y1G1A, Joad Cassette Finisher Y1G1A, Joad Cassette Finisher Y1G1A, Spacer Y1G1AA, Booket Maker Staples Y1G13A, Job Separator W3 Y1G15A, TAP Heater Y1G22A, And ext Y1G23A, Spacer Y1G24A, Hole Punch 2/4 Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher KiloP Punch 2/3, Job Separator W3 Y1G15A, TAP Heater Y1G2A, And ext Y1G23A, Spacer Y1G24A, Hole Punch 2/4 Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher KiloP Punch 2/4 Y1G07A, Stapler/Stacker Finisher Y1G17A, And ext Y1G17A, Spacer Y1G17A, Hole Punch 2/4 Y1G17A, Tapler Y1G17A, And ext Y1G17A, And ext Y1G17A, Spacer Y1G17A, Hole Punch 2/4 Y1G17A, Stapler/Stacker Finisher Y1G17A, And ext Y1G17A, Spacer Y1G17A, Hole Punch 2/4 Y1G17A, Stapler/Stacker Finisher Y1G17A, dest Y1G17A, Spacer Y1G17A, Hole Punch 2/1 Y1G17A, Stapler/Stacker Finisher Y1G17A, And ext Y1G17A, Spacer Y1G17A, Hole Punch 2/1 Y1G17A, Stapler/Stacker Finisher Y1G17A, dest Y1G17A, Taplex Y1G17A, Diade Dest Y1G17A, Y	
Network Capabilities Network Ready Wireless Capability Mobile Printing Capability	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations). PC: Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 21 Hi-Speed USB 2.0 Hoxt; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port Standard (built-in Gigabit 10/100/1000T Ethernet) Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above. Management security: SNMPV3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPSee/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WIA-10 IPSec Configuration using IPsec Plug-in ⁴	Security Management	50 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH: Operating Humidity Range: 20 to 80% RH: Recommended Humidity Operating Range: 20 to 80% RH: Recommended Humidity Operating Range: 20 to 80% RH: Recommended Humidity Operating Range: 20 to 80% RH: Part Storage Temperature: Source Storage: 20 to 80% RH: Part Storage Temperature: Source Storage: 20 to 80% RH: Part Storage: 20 to 80% RH: P	
Network Capabilities Network Ready Wireless Capability Mobile Printing Capability Memory	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations). PC: Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 21 Hi-Speed USB 2.0 Hoxt; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port Standard (built-in Gigabit 10/100/1000T Ethernet) Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless: capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above. Management security: SNMPV3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS, I):PP over TLS, ISPeeC/FiseUI at the traiticate, Pre-Sharet Key Authentication, and Kerberos Authentication; Support for WIA-10 IPsec Configuration using IPsec Plug-in ⁴ Standard: 7 G8; MaxImum: 7 G8	Security Management	50 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature Fange: A4 to 104%; Non-Operating Humidity Range: 10 to 80% RH: Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Personal Range: A1 to 104%; Non-Operating Humidity Range: 20 to 80% RH; Personal Range: A2 to 80% RH; Personal Range: Range: R2 to 80% RH; Personal Range: Range: R2 to 80% RH; Personal Range: Range: R2 to 80% RH; Personal Range: R2 to 80% RH; R2 to 80% RH; Personal Range: R2 to 80% RH; R2	
Network Capabilities Network Ready Wireless Capability Mobile Printing Capability Memory	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations). PC: Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware integration Packet; 1 Tax modem port Standard (built-in Gigabit 10/100/1000T Ethernet) Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above. Management security: SNMPA3, SSL/TLS; WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPD over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WIA-10 IPsec Configuration using IPsec Plug-in ⁴ Standard: 7 GB; Maximum 7 GB 1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk, Total 640 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Scure Fase-Disk). Note: U.S. government SKU	Security Management	50 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 34 to 1086°F; Recommended Operating Temperature Range: 43 to 1086°F; Rorage Lange: 20 to 80% RH: Coperating Humidity Range: 20 to 80% RH: Recommended Humidity Operating Range: 20 to 80% RH Management security: SNMP43, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), PD voir TLS, IPse2/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication: Support for WJA-10 Psec Configuration using IPsec Plug-in Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCl WG Y1F93A, Inner Finisher Y1G0A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Y1G1A, Bookdet Finisher Y1G1A, Supper/Stacker Finisher Y1G1A, Bookdet Finisher Y1G1A, Boule Punch 2/1 Y1G2A, Spacer Y1G2AA, Hole Punch 2/3 Y1G1A, Job Punch 2/4 Y1G3A, Spacer Y1G2A, Job Punch 2/3 Y1G1A, Job Punch 2/3 Y1G1A, Job Punch 2/3 Y1G1A, Job Punch 2/3 Y1G1A, Job Punch 2/4 Y1G3A, Job Punch 2/4 Y1G3A, Job Punch 2/4 Y1G3A, Job Punch 2/3 Y1G1A, Job Punch 2/4 Y1G3A, Job Punch 2/3 Y1G1A, Job Punch 2/3 Y1	
Network Capabilities Network Ready Wireless Capability Mobile Printing Capability Memory Processor Speed	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations). PC: Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard (built-in Gigabit 10/100/1000T Ethernet) Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above. Management security: SNMPA3, SSL/TLS, WPA2-Enterprise, B02.1X authentication (EAP-PEAP, EAP-TLS), IPD over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WIA-10 IPsec Configuration using IPsec Plug-in ⁴ Standard: 7 GB; Maximum 7 GB 1.2 GHz / Hard Idsi: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640 GB; AES 256 hardware encrybtion or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Scure Erase-Disk). Note: U.S. government SkU uses 500GB FIPS 140-2 validated hard disk instead.	Security Management	50 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature. F9 to 86%; Storage Temperature Range: 14 to 104%; Non-Operating Humidly Range: 10 to 80% RH: Operating Humidly Range: 20 to 80% RH: Recommended Humidly Operating Range: 20 to 80% RH Management security: SNMP-03, SSL/TLS, WPA2-Enterprise, 802:1X authentication, and Kerberos Authentication: Support for WJA-10 Pisec Configuration using IPsec Plug-in Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x:S20) Workgroup Y1F97A, 2000 Sheet HCl WG Y1F99A, Inner Finisher Y10G0A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Suedish Y1G04A, Stapter/Stacker Finisher Y1G18A, Bookdet Finisher Y1G07A, Stapter/Stacker Finisher Y1G12A, Dual Cassette Feeder (2x:S20) Workgroup Y1F97A, 2000 Sheet HCl WG Y1F99A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Y1G11A, Hole Punch 2/3 Y1G02A, Jone Finisher Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G23A, Stapter/Stacker Finisher Y1G18A, Bookdet Finisher Y1G17A, Stapter/Stacker Finisher Y1G12A, Jone Y Finisher Mole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G23A, 2nd exit Y1G23A, D00 COK Card Reader C5438, SIPRNe - Classified Card Reader F8B30A, FiH USB Foreign Interface Hamess B5L31A, Two Internal USB ports Soututions B5L2A, HDD H Scure High Performance Hard Disk Drive B5L23A, HD PatDirect USB Wireless Print Server J8031A, HP J2019 H2018 Wireless Pint Server with NFC J8030A, HA0C Card Reader C4rd Reader - HIPI C2C08A, HPAC Card Reader - HIPI X3003A, HPAC Card Reader - HIP X3003A, Analog Fax Accessory CC487A	
Network Capabilities Network Ready Wireless Capability Mobile Printing Capability Memory Processor Speed Duty Cycle	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (reach with 210 destinations). PC: Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port Standard (built-in Gigabit 10/100/1000T Ethernet) Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless: capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above. Management security: SIMM-SS SLITLS; WPA-Enterprise, B02:1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in ⁴ Standard: 7 GB; Maximum 7 GB 12. GHz; / Hard Moirt Togo: QG B5 Standard, embedded HP High-Performance Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FPS 140-2 validated hard disk instead. Monthly, letter: Up to 300,000 pages 14.	Security Management	50 dB(A), printing mono simplex, A4 at 30 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH: Operating Humidity Range: 20 to 80% RH: Recommended Humidity Operating Range: 20 to 80% RH: Memory 104%; Non-Operating Humidity Range: 20 to 80% RH: Recommended Humidity Operating Range: 20 to 80% RH: Poerating Humidity Stage: 10 to 80% RH: Poerating Humidity Stage: 10 to 80% RH: Recommended Humidity Operating Range: 20 to 80% RH: Poerating Teory 10 Sec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication: Support for VIAI-10 Pisec Configuration using Pisec Plug-in Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG Y1F98A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch 2/4 Y1G03A, Spager Y1G03A, Alspelr/Stacker Finisher Y1G17A, Spager/Stacker Finisher Y1G17A, Spager/Stacker Finisher Y1G17A, Spager Y1G2A, Albe Punch 2/3 Y1G17A, Hole Punch	
Standard Connectivity Network Capabilities Network Ready Wireless Capability Mobile Printing Capability Memory Processor Speed Duty Cycle Recommended Monthly Page Volume Media Types Supported	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations). PC: Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard (built-in Gigabit 10/100/1000T Ethernet) Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above. Management security: SNMPA3, SSL/TLS, WPA2-Enterprise, B02.1X authentication (EAP-PEAP, EAP-TLS), IPD over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WIA-10 IPsec Configuration using IPsec Plug-in ⁴ Standard: 7 GB; Maximum 7 GB 1.2 GHz / Hard Idsi: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640 GB; AES 256 hardware encrybtion or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Scure Erase-Disk). Note: U.S. government SkU uses 500GB FIPS 140-2 validated hard disk instead.	Security Management	 So dB(A), printing mono simples, A4 at 30 ppm Operating Temperature Range: 59 to 36%; Recommended Operating Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Management security: SNMP43, SSL/TLS, WPA2-Enterprise, 802.1 X authentication (EAP- PEAP, EAP-TLS), Pp over TLS, IPese/Frievall with Centificate, Pre-Sharet Key Authentication, and Kreberos Authentication; Support for WIA-10 Disec Configuration using IPsec Plug-in Cabinet Workgroup Y1617A, Dual Cassette Feeder (2x520) Workgroup Y167A, 2000 Sheet HCI WG Y1693A, Inner Finisher Hole Ounch 27 V1602A, Inner Finisher Hole Punch 274 Y1603A, Inner Finisher Hole Ounch 274 V1602A, Inner Finisher Hole Punch 274 Y1603A, Inner Finisher Y162A, Cand exit Y162A, Spacer Y162A, Hole Punch 274 Y1603A, Inner Finisher Y162A, 200 Workgroup Y162A, Hole Punch 273 Y1610A, Hole Punch Sevelish Y162A, 200 DO CAC Card Reader CS438; SIPRNei - Classified Card Reader RB30A, FH USB Foreign Interface Hamess B5L31A, I/wo internal USB ports for solutions B5L28A, HDI HP Secure Hile Performance Hard Disk Drive B5L29A, HPI JetDirect USB Wrietess Print Server with KF L3030A, InPAC Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP1 CZ30A, Analog Fax Accessory CC487A U9LU4E - HP 1 year Next Business Day Service w/Defective Media Retention for Laser Jet Z75xx MFP Managed; U9LU5E - HP3 year Next Business Day Service w/Defective Media Retention for Laser Jet Z75xx MFP Managed; U9LU5E - HP3 year Next Business Day Service w/Defective Media Retention for Laser Jet Z75xx MFP Managed; U9LU5E - HP3 year Next Business Day Service w/Defective Media Retention for Laser Jet Z75xx MFP Managed; U9LU5E - HP3 year Next Business Day Service w/Defective Media Retention for Laser Jet Z75xx MF	

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¹ No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17³ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Optional Wireless Direct and Wireless ⁵ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, seit http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details document complexity.⁴ Average on composet black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies⁹ Scan speeds measured from ADF. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies⁹ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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HP A3 Mono LaserJet Flow MFP E72530z 30PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

Part #	Part # Description	
X3A70A	Base Engine for E72530z	\$11,836.70
X3A62A	Speed Option for E72530z	\$1,320.87
Y1G17A	Cabinet	\$830.87
Y1F97A	Dual Cassette 2 x 520 Sheets	\$2,045.22
Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G24A	Spacer - Required for External Finishers Only	\$327.76
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With External Finisher

With Inner Finisher

HP LaserJet Managed MFP E72535dn

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.¹

PrintSpeed: Up to 35 ppm black; First Page Out: As fast as 7.3 sec black

PrintResolution: Black (best): Up to 1200 x 1200 dpi reduced speed

Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port **Standard Memory:** Standard: 6 GB; Maximum: 6 GB

MobilePrintingCapability: Yes

Paper Handling: 100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)















High quality, low cost

- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 35 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printerscurityclaims² Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printersCams. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerscurity.

HP LaserJet Managed MFP E72535dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond
Print Speed	Letter: Up to 35 ppm black; ⁷ FirstPageOut: As fast as 7.3 sec black; ³	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 × 17, 12 × 18, 4 × 6, 5 × 7, 5 × 8,10 × 15, 8k, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray 2: Letter, Letter R, Legal, Executive,
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11
Print Technology	Laser	Madia Cizas Custom	x 17, 12 x 18, 8k, 16k
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6 x 17 in
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-dowr
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP Laser.let MFPs—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. ¹ Quality printing for a great value is a smart choice for any business.		output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity: Standard, 100 sheets; Envelope Feeder: No; Standard Paper Trays: 3; Input Capacities: Up to 520 sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes
	Produce premium, professional-quality documents at a competitive low cost with an HP Laser let MFP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and utimately, the pace of business. Avoid pauses in productivity	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers (DOES NOT INCLUDE TONER) ¹
	with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 48,000) W9005MC ⁸
	security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate	Product Dimensions	W x D x H: 22.3 x 28.5 x 32.6 in; Maximum: 47 x 50 x 30.5 in
	operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	Product Weight	150.2 lb
	ipm ¹⁰ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator		requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools,	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver
	UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;
Scan Type / Technology	Flatbed, ADF / Flatbed; ADF		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi	Display Description	Integration Pocket; Extended Keyboard
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF,	Software Included	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Scan Input Modes	Deg Tier Mire Andre State Configuration and the state of	Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
	Memory; Open Extensibility Platform (OXP) applications	Fonts and Typefaces	84 scalable TrueType fonts
Scan Size	ADF : 11 x 17 in Maximum; 5.5 x 8.5 in Minimum; Flatbed : 11 x 17 in	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,
Scan Speed	Up to 80 ppm/160 ipm (b&w), up to 80 ppm/160 ipm (color) ⁹ Duplex : Up to 160 ipm (b&w), up to 160 ipm (color)		84, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 EL Capitan, UNIX, Windows 10 all 32-8 64-bit editions
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium,
Bit depth / Grayscale levels	24-bit / 256		Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Frase; Auto Color Sense; Auto Corp To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighter; Auto Crop To Page	Compatible Network Operating Systems	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.04.5, Citrix XenApp 5.0 (Plu Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5
Copy Speed	Black (letter): Up to 35 cpm		[for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 600 x 600 dpi		Server 2012 and 2012 R2 Terminal Services, 64-bit), Citrix XenDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit), Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2
Maximum Number Of Copies	Up to 999 copies		Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nove
Copier Resize	25 to 400%		Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scar; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2); Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-(64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-(54-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2007/2001 R2 32-(54-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2007/2011
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ²		R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi	Minimum System Requirements	2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM		PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
	Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Telephone Mode Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No;	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Va (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); ⁶
Standard Connectivity	Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1	Acoustics Operating Environment	Acoustic Power Emissions: 6.8 B(A), printing mono simplex, A4 at 35 ppm; Acoustic Pressure Emissions 51 dB(A), printing mono simplex, A4 at 35 ppm
Network Capabilities	Hardware Integration Pocket; 1 Fax modern port	operating Environment	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Storage Temperature Range: 14 to 104°F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity
-	Standard (built-in Gigabit 10/100/1000T Ethernet)	C P M	Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IRP over TLS, IRce/Firewall with Certificate, Pre-Shared Key Authentication, and Kerbergs
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.		EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in
Mobile Printing Capability	Management security: SNMPV3, SSL/TLS, WPA2-Enterprise, 802.1X autentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPSec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication, Support for VIA-10 IPsec Configuration using IPsec Plug-in ⁴	Accessories	Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCl WG/ V1F99A, Inner Finisher Y1G0A, Inner Finisher Hole Punch 2/3 Y1G03A, Inner Finisher Hole Punch 2/4 V1G03A, Inner Finisher Hole Punch Sweidsh V1G04A, Stapler/Stacker Finisher V1G16AB, Booklet Finishe
Memory	Standard: 6 GB; Maximum: 6 GB		Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Job Separator WG Y1G15A, Tray Heater Y1G22A, 2nd exit Y1G23A, Spacer Y1G24A, Hole Punch 2/3
Processor Speed	Standard: 6 Use; Maximum: 6 Use 1.2 GHz / Hard disk: One 320 GB Standard, embedded HP High-Performance Secure Hard Disk; AES 256 hard/ware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, D00 CAC Card Reader (CS438, SIPRM). - Classified Card Reader FB830A, FiH USB Foreign Interface Harness B5L31A, Two Internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L2AA, HP JetDirect USB Wreless Print Server JB031A, HP JetDirect Wreless Print Server with INFC JB030A, HPAC Card Reader - HIP IC200BA, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax
Duty Cycle	Monthly, letter: Up to 300,000 pages	UD Service and Support Ontion-	Accessory CC487A
Duty Cycle Recommended Monthly Page Volume	Monthly, letter: Up to 300,000 pages Up to 50,000 pages	HP Service and Support Options	NUCESSUTY CL407A U9LU4E - HP 1 year Next Business Day Service w/Defective Media Retention for Laser Jet E725xx MFP Managed; U9LU5E - HP 3 year Next Business Day Service w/Defective Media Retention for Laser Jet

Learn more at

hp.com

¹ No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17³ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, drive; and document complexity.⁴ Optional Wireless ⁵ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁶ Power requirements are based on the country/region where the printer isold. Do not convert operating voltages. This will damage the printer and void the product warranty.⁷ Measured using ISO/IEC 19759 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁶ Power requirements are based on the country/region where the printer isold. Do not convert operating voltages. This will damage the printer and void the product warranty.⁷ Measured using ISO/IEC 19734, exclude sites te of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, drive; and document complexity.⁶ Average color composite black declared yields based on ISO/IEC 19739 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies.⁹ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application oftware.

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HP A3 Mono LaserJet E72535dn 35PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 100 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A67A	Base Engine for E72535dn	\$9,067.13
X3A66A	Speed Option for E72535dn	\$2,641.74
Y1G17A	Cabinet	\$830.87
Y1F97A	Dual Cassette 2 x 520 Sheets	\$2,045.22
Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G24A	Spacer - Required for External Finishers Only	\$327.76
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With External Finisher

With Inner Finisher

Datasheet

HP LaserJet Managed Flow MFP E72535z



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.¹

PrintSpeed: Up to 35 ppm black; First Page Out: As fast as 7.3 sec black

PrintResolution: Black (best): Up to 1200 x 1200 dpi reduced speed

StandardConnectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port StandardMemory: Standard: 7 GB; Maximum: 7 GB

MobilePrintingCapability: Yes

PaperHandling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)











Mac





High quality, low cost

- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 35 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on your MFP and in transit over the network—store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/printersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims² Requires an Internet connection to the printers. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printersecurityclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerscurity.⁵ Scan speed measured from ADF at default 300 dpi (lack-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

HP LaserJet Managed Flow MFP E72535z Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1: 16 to 46 lb bond; Tray 2, 3: 16 to 58 lb bond
Print Speed	Letter: Up to 35 ppm black; ⁷ First Page Out: As fast as 7.3 sec black; ³	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15,
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		8k, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11
Print Technology	Laser		x 17, 12 x 18, 8k, 16k
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6 x 17 in
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP Laser.let MFBs—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. ¹ Quality priming for a great value is a smart choice for any business.	rapernanag	Nor Since manual paperse (objects and since inpacting) Second Inpacting, Econd International Academic Statemark Inpacting, Econd International Academic Statemark Inpacting, Econd International Academic Statemark International Comment Feeder Academy, Standard, 263 Octament Feeder Statemark, Statemark International Academic Statemark, Statemark Inpacting, Statemark, Stat
	appring on a die autorigitation of autority of autority principal on orgenet Velocity or anna format format point Produce premating, professional-quality documents at a competituite autority and than HP Lase Jake HMP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and utilizately, the pace of business. Avoid pauses in productivity	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers (DOES NOT INCLUDE TONER) ¹
	with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 48,000) W9005MC ⁸
	day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate	Product Dimensions	W x D x H : 23 x 30.5 x 34.5 in; Maximum : 47 x 50 x 30.5 in
	operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	Product Weight	150.2 lb
	ipm ¹⁰ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator		requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools,	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver
	UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;
Scan Type / Technology	Flatbed, ADF / Flatbed; ADF		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi	Disalaw Daassiatian	Integration Pocket; Extended Keyboard
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR),	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Searrine Format	RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
	(OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Fonts and Typefaces	84 scalable TrueType fonts
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 24.2), Linux Ubintu (12.04, 14.40, 15.10), 16.04, 16.10), OS macOS 10.12
Scan Size	ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁹ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/k1. all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1,
Bit depth / Grayscale levels	24-bit / 256	Systems	 and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder, Save-to-USB drive; Send to Sharepoint; Send to FIP: Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Frase; Auto Color Sense; Auto Corp To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page		Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenApp 5.5 [for Windows Server 2013 and 2012 R2 Terminal Services, 64-bit], Citrix XenApp 5.5 [for Windows Server 2014 Content Con
Copy Speed	Black (letter): Up to 35 cpm		R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2
Copy Resolution	Black (text and graphics): Up to 600 × 600 dpi; Up to 600 × 600 dpi		Terminal Services, 64-bit), Novell NetWare 6.5/SP8 Novell Clients www.novell.com/pirint, Novell Pirint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novel Servers www.novell.com/pirint), Windows Server 2003/2003 R2 32-(64-bit (SP1/SP2)
Maximum Number Of Copies	Up to 999 copies		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2)
Copier Resize	25 to 400%		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1)
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph), N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scar; job build; job Storage; watermark; stamps; book mode scars; erase edges; automatically detect color/mono; image Preview		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2011 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ²	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB available
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi		hard drive space; Internet; OS hardware requirements see Apple.com for more info
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM	Power	Power Supply Type: Internal (Built-in) power supply: Power Requirements: Input voltage: 110 to 127Vai (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); 6
	Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Telephone Mode Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers	Acoustics	Acoustic Power Emissions: 6.7 B(A), printing mono simplex, A4 at 35 ppm; Acoustic Pressure Emissions 51 dB(A), printing mono simplex, A4 at 35 ppm
Standard Connectivity	(each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)		EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Accessories	Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.	Accessones	Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Booklet Finisher
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication: Support for WIA-10 IPsec Configuration using IPsec Plue: in ⁴		Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Job Separator W6 Y1G15A, Tray Heater Y1G22A, 2nd exit Y1G2A, Spacer Y1G2AA, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, DOD CAC Card Reader CC543B, SIPRNe
Memory	Standard: 7 GB: Maximum: 7 GB		 - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two internal USB ports fo solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, HP JetDirect USB
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total		Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax
·	1.2 Chi / Intel Carlos (Mos 2) Coll Stationals, embedded in might remotinance secure that classical 640 GB, 452 256 hardware encryption or greater, Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 1402- validated hard disk instead.	HP Service and Support Options	The To Cast And The Cast Reader Film Final Soloan, The Cast Reader Film 2 ASUGA, Misling Fax Accessory (C487A U9LU4E - HP 1 year Next Business Day Service w/Defective Media Retention for LaserJet E725xx MFP
	Monthly, letter: Up to 300,000 pages		Managed; U9LU5E - HP 3 year Next Business Day Service w/Defective Media Retention for LaserJet E725xx MFP Managed; U9LU6E - HP 4 year Next Business Day Service w/Defective Media Retention for
Duty Cycle			= = = = = = = = = = = = = = = = = = =
Duty Cycle Recommended Monthly Page Volume			Laser Jet E725xx MFP Managed; U9LU7E - HP 5 year Next Business Day Service w/Defective Media
			Laser.let E725xx MFP Managed; USLUTE - HP 5 year Next Business Day Service w/Defective Media Retention for Laser.let E725xx MFP Managed; USLUBE - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Laser.let E725xx MFP Managed; USLUBE - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser.let E725xx MFP Managed

hp.com

¹ No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17³ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, driver, and document complexity.⁴ Optional Wireless ⁵ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, wish http://www.hp.com/go/learnaboutsupplies⁶ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. ⁷ Measured using ISO/IEC 19759 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Optional Wireless ⁵ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Average color composite black declared yield based on ISO/IEC 19799 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/printerclaims. Exact speed varies depending on scan resolution, network conditions, computer performance, and application software.

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HP A3 Mono LaserJet Flow MFP E72535z 35PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A70A	Base Engine for E72535z	\$11,836.70
X3A65A	Speed Option for E72535z	\$2,641.74
Y1G17A	Cabinet	\$830.87
Y1F97A	Dual Cassette 2 x 520 Sheets	\$2,045.22
Y1F99A	2000 Sheet High Capacity Input	\$3,890.00
Y1G23A	2nd Exit - Required for all Finishers	\$196.66
Y1G24A	Spacer - Required for External Finishers Only	\$327.76
Y1G15A	Job Separator	\$262.50
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With External Finisher

With Inner Finisher

HP LaserJet Managed MFP E82540dn

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.

Print Speed: Up to 40 ppm black; First Page Out: As fast as 7 sec black

Print Resolution: Black (best): Up to 1200 x 1200 dpi reduced speed

Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory: Standard: 7 GB; Maximum: 7 GB MobilePrintingCapability: Yes

PaperHandling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)

















High quality, low cost

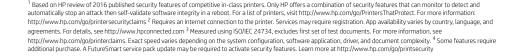
- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP Laser Jet wakes up quickly and prints fast—up to 40 ppm.³

The world's most secure printing

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.



HP LaserJet Managed MFP E82540dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)
Print Speed	Letter: Up to 40 ppm black; First Page Out: As fast as 7sec black; ²	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 × 6, 5 × 7, 5 × 8,10 × 15, 16k, envelope #9, Envelope #10, Envelope Monarch;
Print Technology	Laser		Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59 : 18 in
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP Laser let MPPs—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. ¹ Quality printing for a great value is a smart choice for any business.		sheet face-down output bin: Duplex Options: Automatic (standard); Auto Document Feeder Capacity. Standard, 250 sheets; Envelope Feeder: No; Standard Paper Trays; 3. Input Capacities: Up to 520 sheets: Duput Capacities: Up to 500 sheets; Up to 40 envelopes
	Produce premium, professional-quality documents at a competitive low cost with an HP Laser Jet MFP built to make your work—and your business—buck its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Novid pauses in productivity	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers. DOES NOT INCLUDE TONER
	with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 69,000) W9014MC ⁶
	day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate	Product Dimensions	W x D x H: 23 x 30.3 x 36.7 in; Maximum: 47 x 66 x 30.5 in
	operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	Product Weight	210.8 lb
Printer Management	profile and a solid extra steps with a Flow MFP designed for maximum productivity. printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppo
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver	Farmer Filling and Campling and	options in your region.
	Deployment Utility, HP Managed Printing Administration, PRNCONEXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Energy Efficiency Compliance Control Panel	Energy Star; Blue Angel; EPEAT silver 8.0–in (20.3 cm) Color Graphics Displey (IGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for guick return to the Home menu); USB High-speed 2.0 port; Hardware
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS		Integration Pocket; Extended Keyboard
Scan Resolution	Hardware: Up to 600 × 600 dpi; Optical: Up to 600 × 600 dpi	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (prn, .pcl, .cht)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Fonts and Typefaces	84 scalable TrueType fonts
Scan Size	ADF: 11 x 17 in Maximum: 4.3 x 5.5 in Minimum: Flatbed: 11 x 17 in	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,
Scan Speed	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) ⁷ Duplex: Up to 180 ipm (b&w), up to 180 ipm (color)		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.1. Siera, OS 10.10 Yosemite, OS X 10.11 E (Lapitan, UNIX, Windows 10 all 32-8 & 64-bit editions
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit
Bit depth / Grayscale levels	24-bit / 256		editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release
- ,	Scar to C-than, Safe-ortektion functional Safe-ordevidual Juniez Safe Johane Jo	Systems	2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Pl Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32 - and 64-bit, Citrix XenApp 6.0/5.
Copy Speed	Black (letter): Up to 40 cpm		[for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows
Copy Resolution	Black (text and graphics): Up to 1200 x 1200 dpi reduced speed; Up to 1200 x 1200 dpi reduced speed; Color (text and graphics): Up to 1200 x 1200 dpi reduced speed		Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5,6 (for Windows Server 2000 R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 5,6/7.0/7.5 (for Windows Server 2008 R2 Sf Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 (for Windows Server 2012 and 2012 R2)
Maximum Number Of Copies	Up to 999 copies		Terminal Services, 64-bit), Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrin Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nov
Copier Resize	25 to 400%		Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Settings	Two-sided copying: scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scara; bio build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-4 (SP1/SP2); Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (+ Cluster & Terminal Services), Windows Server 2012 (20) Standard (+ Cluster & Terminal Services), Windows Server 2008 (+ Cluster & Terminal Services), Windows Server 2012 (+ Cluster & Terminal Serv
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ¹		R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB available
Fax Features	Fax Memory: Up to 500 pages: Auto Fax Reduction Supported: Yes: Auto-Redialing: Yes: Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No; Fax Polling Supported: Yes; Onl to receive only; Fax Telephone Mode	Power	hard drive space; Internet; OS hardware requirements see Apple.com for more info Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127V
	Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No;	Acoustics	(+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%) Acoustic Power Emissions: 6.6 B(A) printing mono simplex using A4 paper at 40 ppm; Acoustic Pressu
Standard Connectivity	Telephone Handset Supported: No		Emissions: 50 dB(A) printing mono simplex using A4 paper at 40 ppm
Network Capabilities	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Stora Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH: Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,
Wireless Capability	Standard (built-in Gigabit 10/100/1000T Ethernet) No wireless capabilities standard. There are optional accessories (common to all current Jedi products)		EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in
	that support wireless. These are listed in the connectivity section, above.	Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HC
Mobile Printing Capability	Management security: SNMPA3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WIA-10 IPsec Configuration using IPsec Plug-in ³		Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher &
Memory	Standard: 7 GB; Maximum: 7 GB		Booklet Maker Staples Y1G13A, Booklet Finisher Y1G07A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, Job Separator Department Y1G01A, DOD CAC Card Reader
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files; Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		CC543B, SJPPNet – Classified Card Reader FBB30A, FH USB Foreign Interface Harness BSL31A, Two internal USB ports for solutions BSL28A, HDD HP Secure High Performance Hard Disk Drive BSL29A, JetDirect USB Wireless Phini Server J8031A, HP JetDirect Wireless Phini Server with NFC J8030A, HPAC Card Reader – HIP1 C220BA, HPAC Card Reader – HIP1 X3D03A, HPAC Card Reader – HIP2 X3D03A, Analog Fax Accessory CC487A
Duty Cycle	Monthly, letter: Up to 300,000 pages	HP Service and Support Options	U9LR0E - HP 1 year Next Business Day Service w/Defective Media Retention for LaserJet E825xx MFF
Recommended Monthly Page Volume	Up to 100,000		Managed; U9LR1E - HP 3 year Next Business Day Service w/Defective Media Retention for LaserJet
Media Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60–74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96–110g,Heavy 111–130g, Mid-WtGlossy 96–110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131–175g, HH/Oassy 131–175g, HP Matte 200g, HP Glossy 200g, Carstock 176–220g, Card Glossy 176–220g, Light Paperboard 221–255g, Paperboard 255–300g, Heavy Paperboard, Clost Transparency, Labels, Latterhead, Erwelope, Heavy		EB25xx MFP Managed; U9LR2E - HP 4 year Next Business Day Service w/Defective Media Retention fi Laseriet B25xx MFP Managed; U9LR3E - HP 5 year Next Business Day Service w/Defective Media Retention for Laseriet B25xx MFP Managed; U9LR4E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Laseriet B25xx MFP Managed; U3LR4E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet B25xx MFP Managed; U3LR4E - HP 3 year 4 hour 9x5 Service
	Paperboard 256–300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored	Learn more at	
		bp com	

hp.com

¹ Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.3.4 and 6 sec/page for V.1.7² Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.³ Optional Wireless ¹ Declared yield value in accordance with ISO/IEC 17523. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For more information see http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For more information see http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁵ Measured using ISO/IEC 1973. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁵ Seasured using ISO/IEC 1973. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁵ Cars paeeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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HP A3 Mono LaserJet E82540dn 40PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 250 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A79A	Base Engine for E82540dn	\$17,597.39
X3A69A	Speed Option for E82540dn	\$1.00
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

Datasheet

HP LaserJet Managed Flow MFP E82540z



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.

PrintSpeed: Up to 40 ppm black; First Page Out: As fast as 7 sec black

PrintResolution: Black (best): Up to 1200 x 1200 dpi reduced speed

Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port StandardMemory: Standard: 7 GB; Maximum: 7 GB

Mobile Printing Capability: Yes

PaperHandling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)











Mac





High quality, low cost

- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 40 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersThatProtect. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerclaims. Social can be required to activate security features. Learn more at http://www.hp.com/go/printerclaims, computer additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerclaims, computer performance, and application software.

HP LaserJet Managed Flow MFP E82540z Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)
Print Speed	Letter: Up to 40 ppm black; First Page Out: As fast as 7sec black; ²	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15,
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 × 6, 5 × 7, 5 × 8,10 × 15, 16k, envelope #9, Envelope #10, Envelope Monarch;
Print Technology	Laser		Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59 x 18 in
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP Laser.let MPP9—to power productivity with a streamlined design that delivers professional quality, maximum unlines and the observed second 1. Quality includes the land is a streamline that the stream test second and the interpret second and the stream test second and test second an		too sheet face-down output bin, CA 320-3nees input reay, S20-3nees input reay, S30 sheet Aur, S30 sheet face-down output bin, Duplex Options: Automatic Islandard), Auto Dourment Feeder Capacity. Standard, 250 sheets, Envelope Feeder: No; Sandard Paper Trays, 3; Input Capacities: Up to 520 sheets; Dutput Capacities: Up to 500 sheets; Up to 40 envelopes
	uptime, and the strongest security. ¹ Quality printing for a great value is a smart choice for any business. Produce premium, professional-quality documents at a competitive low cost with an HP Laser Jet MFP built to make your work—and your business—look its best. Annoying interruptions and complex	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support Ryers. DOES NOT INCLUDE TONER
	maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 69,000) W9014MC ⁶
	day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in	Product Dimensions	W x D x H: 23 x 30.3 x 36.7 in; Maximum: 47 x 66 x 30.5 in
	security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily	Product Weight	210.8 lb
	connect people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹⁰ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal
Printer Management	printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver		requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppor options in your region.
	Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools,	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver
Scan Type / Technology	UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware latentiatics Decisive Control of the Average of the Statentian of the Statentian of the Statentian of the Average of the A
	Flatbed, ADF / Platen Scanner CCD Digital-CIS	Display Description	Integration Pocket; Extended Keyboard
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi	Software Included	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEC, TIFF, MTFF, XPS, PDFIA, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEC, TIFF, MTFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF	Sortware included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
	(OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Fonts and Typefaces	84 scalable TrueType fonts
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory: Open Extensibility Platform (0XP) applications	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise
Scan Size	ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in		(6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁷ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		(excluding RT OS for Tablets), Windows 7 all 32-& 64-bit editions, Windows 8/8.1 all 32-& 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release
Bit depth / Grayscale levels	24-bit / 256	Systems	 and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Pl
Digital Sending Standard Features	Scan to E-mail: Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Frase; Auto Color Sense; Auto Coro To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page		Ser 1, util ku in window serve 2012/2012/22, Util remisal favorus 23 - and 64-bit. (Itrix XenApp 60/07- Feature Pack 28, 31 for Window Server 2008 FE Terminal Services, 32- and 64-bit. (Itrix XenApp 60/6:5, (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit.), (Itrix XenApp 60/6:5, 75) (for Windows Server 2008 R2 FI Terminal Services, 32- and 64-bit.), (Itrix XenApp 50/6:5, 75) (for Windows Server 2008 R2 FI Terminal Services, 32- and 64-bit.), (Itrix XenApp 60/6:5, 75) (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit.), (Itrix XenDesktop 5,6) (for Windows Server 2008 R2 SF
Copy Speed	Black (letter): Up to 40 cpm		Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint
Copy Resolution	Black (text and graphics): Up to 1200 x 1200 dpi reduced speed; Up to 1200 x 1200 dpi reduced speed; Color (text and graphics): Up to 1200 x 1200 dpi reduced speed		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nov Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Maximum Number Of Copies	Up to 999 copies		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-t (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP
Copier Resize	25 to 400%		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit
Copier Settings	Two-sided copying: scalability: image adjustments (darkness, contrast, background cleanup, sharpness): optimized text/joicture (text, mixed, printed picture, photograph): H-Up; No 7-ordering; content orientation; collation; booklet; ID Scar; job build; job Storage; watermark; stamps; book mode		sianubaru/Enter Jasel (* Cubster & Tennina Services), windows server zoob/z000 et 2 52-ro4-bit (SP1/SP2) Standard/Freimreis/Datacenter (* Cubster & Terminal Services), Mindows Server 2012/20 R2 64-bit Standard/Foundation/Essential/Datacenter (* Cubster & Terminal Services), Windows Serv 2016/64-bit Standard/Fisestial/Datacenter (* Cubster & Terminal Services), Windows Services)
Fax Speed	scans; erase edges; automatically detect color/mono; image Preview	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB availab
Fax Resolution	Up to: 33.6 kbps; Letter: 3 sec per page ¹		hard drive space; Internet; OS hardware requirements see Apple.com for more info
Fax Features	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing; Yes; Fax Delayed	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127V: (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%)
	Sending: No: Distinctive Ring Detection Supported: No: Fax Forwarding Supported: Yes; Fax Rhone TAM Interface Supported: No: Fax Polling Supported: Yes (poll to receive only); Fax Telephone Mode Supported: No: Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers	Acoustics	Acoustic Power Emissions: 6.6 B(A) printing mono simplex using A4 paper at 40 ppm; Acoustic Pressu Emissions: 50 dB(A) printing mono simplex using A4 paper at 40 ppm
Standard Connectivity	(each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No;	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storag Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP, TLS, UPD aver, TLS
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)		EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HCI
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.		Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G0A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G1AA, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher &
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in ³		Booklet Maker Staples Y1G13A, Booklet Finisher Y1G07A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, Job Separator Department Y1G01A, DDD CAC Card Reader CCG43B, SJPRNet - Classified Card Reader RB30A, Fill VJS Foreign Interface Harness B1S1A, Two
Memory	Standard: 7 GB; Maximum: 7 GB		internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, H JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk;Total 640 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses \$00GB FIPS 140-2 walded end and ski stread.	HP Service and Support Options	Card Reader - HIP1 C220BA, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A U9LR0E - HP 1 year Next Business Day Service w/Defective Media Retention for Laser.let E825xx MFP Managedt U9LRTE - HP 3 year Next Business Day Service w/Defective Media Retention for Laser.let
Duty Cycle	Monthly, letter: Up to 300,000 pages		E825xx MFP Managed; U9LR2E - HP 4 year Next Business Day Service w/Defective Media Retention for
Recommended Monthly Page Volume	Up to 100,000		LaserJet E825xx MFP Managed; U9LR3E - HP 5 year Next Business Day Service w/Defective Media Retention for LaserJet E825xx MFP Managed; U9LR4E - HP 3 year 4 hour 9x5 Service w/Defective
Media Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP		Media Retention for LaserJet E825xx MFP Managed; U9LR5E - HP 4 year 4 hour 9x5 Service
	Field, The EUBPLICENT, In Product 900, July 1007-90, Doully, Nexy Use, The Matter 1003, Phr Holter 1200, The Soft Gloss 52, DH Glossy 1203, Mid-Weight 98-1103, Heavy Thi-1303, Mid-Widolssy 96-1100, Havy Glossy 111-1304, HP Matter 1503, HP Glossy 1503, Extra Heavy 131-1753, Mid-Widolssy 131-1753, HP Matter 2008, HP Glossy 2000, Carstock 175-2200, Light Paperboard 221-2559, Paperboard 256-3009, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored	Learn more at hp.com	w/Defective Media Retention for Laser.Jet E825xx MFP Managed

¹ Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17² Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.³ Optional Wireless ⁴ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies⁶ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see

http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁶ Average color composite black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies ⁷ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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HP A3 Mono LaserJet Flow MFP E82540z 40PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A82A	Base Engine for E82540z	\$20,366.96
X3A68A	Speed Option for E82540z	\$1.00
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP LaserJet Managed MFP E82550dn

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.¹

Print Speed: Up to 50 ppm black; First Page Out: As fast as 6 sec black

Print Resolution: Black (best): Up to 1200 x 1200 dpi reduced speed

Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory: Standard: 7 GB; Maximum: 7 GB

Mobile Printing Capability: Yes

Paper Handling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)





-4 Mac









High quality, low cost

- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 50 ppm.³

The world's most secure printing

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims² Requires an internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printersecurityclaims² Requires an internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Some features require additional purchase. A FutureSemart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printerscurity

HP LaserJet Managed MFP E82550dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)
Print Speed	Letter: Up to 50 ppm black; First Page Out: As fast as 6 sec black; ²	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8,10 x 15, 16k, envelope #9, Envelope #10, Envelope Monarch;
Print Technology	Laser		Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59) 18 in
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP Laser let MPB——to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. ¹ Quality printing for a great value is a smart choice for any business.	T uper Handling	to sheet fraction purpose tray, c. A. 242-Armeet inpurities, Scanneet input ray, 220 sheet hor ; 200 sheet
	Produce premium, professional-quality documents at a competitive low cost with an HP Laser Jet MFP built to make your work—and your business—look its best. Annoying interruptions and complex	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers. DOES NOT INCLUDE TONER
	maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 69,000) W9014MC ⁶
	day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate	Product Dimensions	W x D x H: 23 x 30.3 x 36.7 in; Maximum: 47 x 66 x 30.5 in
	operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	Product Weight	210.8 lb
Printer Management	ipm ¹⁰ —and avoid extra steps with a Flow MFP designed for maximum productivity.	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppo
Finite Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver		options in your region.
	Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software, Resource Kit for HP Web Jetadmin (HP SNMP Proxy, Agent, HP WS Pro Proxy, Agent); HP JetAdvantage Security Manager	Energy Efficiency Compliance Control Panel	Energy Star; Blue Angel; EPEAT silver 8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button för quick return to the Home menu); USB High-speed 2.0 port; Hardware
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS		Integration Pocket; Extended Keyboard
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Scan File Format	Digital Send: PDF, HI-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Fonts and Typefaces	84 scalable TrueType fonts
Scan Size	ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,
Scan Speed	PUP: 11 × 17 I PHARMOUN, 4-3 × 5-3 II PHIIIIIUUI, PROVENTI X 17 III Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) ⁷ Duplex Up to 180 ipm (b&w), up to 180 ipm (bBW), up to 180 ipm (color)		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Redura (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Redura (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Redura (26, 70.1), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.1.
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit
Bit depth / Grayscale levels	24-bit / 256		editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release
	Start to E-nitial, Save-urof-network round: Save-urof-save-urof-save-urof-save- SFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pikk Detect: Auto Straighter, Auto Crop To Page	Systems	2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Pl Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32 - and 64-bit, Citrix XenApp 5.0(5).
Copy Speed	Black (letter): Up to 50 cpm		[for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows
Copy Resolution	Black (text and graphics): Up to 1200 x 1200 dpi reduced speed; Up to 1200 x 1200 dpi reduced speed; Color (text and graphics): Up to 1200 x 1200 dpi reduced speed		Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5,6 [for Windows Server 2008 R2 R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 5,6/7.0/7.5 [for Windows Server 2008 R2 SI Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2
Maximum Number Of Copies	Up to 999 copies		Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrin Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nov
Copier Resize	25 to 400%		Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Settings	Two-sided copying: scalability: image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph), N-Up; N or Z-ordering; content orientation; collation; bookle; ID Scara job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2000 R2 32-4 (SP1/SP2); Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 82: 64-bit (SP Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/20
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ¹		R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Servi 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Resolution Fax Features	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB availat hard drive space; Internet; OS hardware requirements see Apple.com for more info
	Sending: No: Districtive Ring Detection Supported: No: Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No; Fax Polling Supported: Yes (poli to receive only); Fax Telephone Mode Supported: No; Junk Bartier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers	Power	Power Supply Type: Internal (Built-in) power supply: Power Requirements: Input voltage: 110 to 127V (+/-10%), 220 to 240Vac (+/-10%), 50/60 Hz (+/-3%)
	(each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Acoustics	Acoustic Power Emissions: 6.6 B(A) printing mono simplex using A4 paper at 50 ppm; Acoustic Press Emissions: 50 dB(A) printing mono simplex using A4 paper at 50 ppm
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Stora Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Temperature reason in the storage of the stor
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security management	EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.	Accessories	Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HC
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPSec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in ³	10003301103	Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher &
Memory	Standard: 7 GB; Maximum: 7 GB		Booklet Maker Staples Y1G13A, Booklet Finisher Y1G07A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, Job Separator Department Y1G01A, DOD CAC Card Reader
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Frase-Job Lata, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		CC543B; SJPPNet - Classified Card Reader FBB30A, FH USB Foreign Interface Harness BSL31A, Two internal USB ports for solutions BSL28A, HDD HP Secure High Performance Hard Disk Drive BSL29A, JetDirect USB Wireless Phin Server J8031A, HP JetDirect Wireless Phint Server with NFC J8030A, HPAC Card Reader - HIP1 CZ20BA, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A
Duty Cycle	Monthly, letter: Up to 300,000 pages	HP Service and Support Options	U9LR0E - HP 1 year Next Business Day Service w/Defective Media Retention for Laser Jet E825xx MFF
Recommended Monthly Page Volume	Up to 100,000		Managed; U9LR1E - HP 3 year Next Business Day Service w/Defective Media Retention for Laser Jet E825xx MFP Managed; U9LR2E - HP 4 year Next Business Day Service w/Defective Media Retention fr
Media Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g,Heavy 111-130g, Mid-WGlossy 316-110g, Hv Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHv (Jossy 131-175g, HP Matte 200g, HP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Clost Transparency, Labels, Letterhead, Envelope, Heavy		Lasszik eller V magleti, USIKZE - In + Year Next Disalinas Dag Service W Diretective Media Neteriolom I Lasszielte EB25xx MFP Managed; USIKZE - HP 5 year Next Business Dag Service w/Defective Media Retention for Lasszielte EB25xx MFP Managed; USIKAE - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Lasszielte EB25xx MFP Managed; USIKAE - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Lasszielte EB25xx MFP Managed
	Paperboard 256–300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored	Learn more at	
		hp com	

hp.com

¹ Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.3.4 and 6 sec/page for V.1.7² Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.³ Optional Wireless ¹ Declared yield value in accordance with ISO/IEC 17523. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For more information see http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For more information see http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁵ Measured using ISO/IEC 1973. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁵ Seasured using ISO/IEC 1973. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁵ Cars paeeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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HP A3 Mono LaserJet E82550dn 50PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 250 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A79A	Base Engine for E82550dn	\$17,597.39
X3A72A	Speed Option for E82550dn	\$4,772.17
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

Datasheet

HP LaserJet Managed Flow MFP E82550z



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.

Print Speed: Up to 50 ppm black; First Page Out: As fast as 6 sec black

Print Resolution: Black (best): Up to 1200 x 1200 dpi reduced speed

Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory: Standard; 7 GB; Maximum: 7 GB

Mobile Printing Capability: Yes

Paper Handling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)









Mac





High quality, low cost

- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 50 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.4
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For monitor in formation: http://www.hp.com/go/printersThatProtect. For monitor in the printers. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printercurity ⁶ Scan speed measured form ADF at default 300 dpi (lack-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

CERTIFIED US

HP LaserJet Managed Flow MFP E82550z Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)
Print Speed	Letter: Up to 50 ppm black; First Page Out: As fast as 6 sec black; ²	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 × 6, 5 × 7, 5 × 8, 10 × 15, 16k, envelope #9, Envelope #10, Envelope Monarch;
Print Technology	Laser		Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59 x 18 in
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP Laser Jet MFPs—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. ¹ Quality printing for a great value is a samat choice for any business.		sheet face-down output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity: Standard, 250 sheets; Envelope Feeder: No; Standard Paper Toya; 3: Input Capacities: Up to 520 sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes
	Produce premium, professional-quality documents at a competitive low cost with an HP Laser Jet MFP built to make your work—and your business—look its best. Annoying interruptions and complex	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers. DOES NOT INCLUDE TONER
	maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP Laser Jet MFP designed for maximum uptime, so you can count on reliable, results day in and	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 69,000) W9014MC ⁶
	day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate	Product Dimensions	W x D x H: 23 x 30.3 x 36.7 in; Maximum: 47 x 66 x 30.5 in
	operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	Product Weight	210.8 lb
Printer Management	pm ¹⁰ —and avoid extra steps with a Flow MFP designed for maximum productivity. Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppor
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver	Energy Efficiency Compliance	options in your region.
	Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Control Panel	Energy Star; Blue Angel; EPEAT silver 8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; Illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS		Integration Pocket; Extended Keyboard
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical : Up to 600 x 600 dpi	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (DCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTFF, XPS, PDF/A, TEXT (OCR), RTEXT (OCR), RTEXT (OCR), Searchable PDF	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer,/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
	(OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Fonts and Typefaces	84 scalable TrueType fonts
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (0XP) applications	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17, 1, 17.2, 17.3, 18), Linux Red Hat Enterprise
Scan Size	ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in		(6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁷ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		(excluding RT OS for Tablets), Windows 7 all 32-& 64-bit editions, Windows 8/8.1 all 32-& 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (VP Home, XP Pro, etc.)
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release
Bit depth / Grayscale levels	24-bit / 256	Systems	 and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Pli
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Frase; Auto Color Sense; Auto Corp To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page		Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Ctrix XenApp 6.0/6.5 (for Windows Server 2008 PZ Terminal Services, 32- and 64-bit), Ctrix XenApp 6.0/6.5/7 5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Ctrix XenApp 7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit), Ctrix XenDesktop 5.6 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Ctrix XenDesktop 5.6 (for Windows Server 2008 R2 SP
Copy Speed	Black (letter): Up to 50 cpm		Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint
Copy Resolution Maximum Number Of Copies	Black (text and graphics): Up to 1200 x 1200 dpi reduced speed; Up to 1200 x 1200 dpi reduced speed; Color (text and graphics): Up to 1200 x 1200 dpi reduced speed		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nov Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Resize	Up to 999 copies		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-b (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP
Copier Settings	25 to 400%		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit
copier settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scan; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		(SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/20 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services)
Fax Speed		Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB availab
Fax Resolution	Up to: 33.6 kbps; Letter: 3 sec per page ¹ Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi		hard drive space; Internet; OS hardware requirements see Apple.com for more info
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Va (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%)
	Fax Menioty - OF Usio Debyes, Adult rax resolution Supported: res, Adult-resolution, Fax Debyes Sending: No: Distinctive Ring Detection Supported: No: Rax Forwarding Supported: Ves: Rax Phone TAM Interface Supported: No: Fax Polling Supported: Ves: (Poll to receive only). Fax Telephone Mode Supported: No: Junk Barrier Supported: Ves: (Poll to receive only). Fax Telephone Mode	Acoustics	Acoustic Power Emissions: 6.6 B(A) printing mono simplex using A4 paper at 40 ppm; Acoustic Pressu Emissions: 50 dB(A) printing mono simplex using A4 paper at 40 ppm
	(each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storag Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Cocommended Humidity Operating Range: 20 to 80% RH
Standard Connectivity Network Capabilities	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAPPEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Accessories	Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products)	ACCESSORES	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HCI Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finisher
	that support wireless. These are listed in the connectivity section, above.		Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher &
Mobile Printing Capability	pablity Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, Booklet Booklet EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Y1G171		Fridden, Sudger Stabler, Hindler, Hird Ler, Jabel H. (1994). And Stabler H. (1994). And Stabler H. (1994). Intel Analysis of Booklet Maker Staples Y1G13A, Booklet Finisher Y1G07A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch 2/2 Stabler CS438, S
Memory	Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in ³		internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, H
Processor Speed	Standard: 7 GB; Maximum: 7 GB		JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A,
	1.2 GHz, Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.	HP Service and Support Options	Analog Fax Accessory CC487A U9LR0E - HP 1 year Next Business Day Service w/Defective Media Retention for LaserJet E825xx MFP Managed; U9LR1E - HP 3 year Next Business Day Service w/Defective Media Retention for LaserJet
Duty Cycle	Monthly, letter: Up to 300,000 pages		E825xx MFP Managed; U9LR2E - HP 4 year Next Business Day Service w/Defective Media Retention fo LaserJet E825xx MFP Managed; U9LR3E - HP 5 year Next Business Day Service w/Defective Media
Recommended Monthly Page Volume	Up to 100,000		Retention for LaserJet E825xx MFP Managed; U9LR4E - HP 3 year 4 hour 9x5 Service w/Defective
Media Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP		Media Retention for LaserJet E825xx MFP Managed; U9LR5E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E825xx MFP Managed
	Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96–110g,Heavy 111–130g, Mid-WtGlossy 96–110g, Hwy Glossy 111–130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, MHvGlossy 131–175g, HP Matte 200g, HP Glossy 200g, Carstock 176–220g, Card Glossy 176–220g, Light Paperboard 221–255g, Paperboard 256–300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy	Learn more at	
	Envelope, Preprinted, Prepunched, Colored	npicom	

¹ Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17² Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.³ Optional Wireless ⁴ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies. ⁵ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see

http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁶ Average color composite black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies⁷ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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HP A3 Mono LaserJet Flow MFP E82550z 50PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A82A	Base Engine for E82550z	\$20,366.96
X3A71A	Speed Option for E82550z	\$4,772.17
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

HP LaserJet Managed MFP E82560dn

Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.¹

Print Speed: Up to 60 ppm black; First Page Out: As fast as 6 sec black

Print Resolution: Black (best): Up to 1200 x 1200 dpi reduced speed

Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory: Standard: 7 GB; Maximum: 7 GB

Mobile Printing Capability: Yes

Paper Handling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)





₩ Mac









High quality, low cost

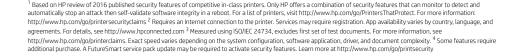
- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 60 ppm.³

The world's most secure printing

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.



HP LaserJet Managed MFP E82560dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)	
Print Speed	Letter: Up to 60 ppm black; First Page Out: As fast as 6 sec black; ²	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15 8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive,	
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		Statement, Oficio, 4 x 6, 5 x 7, 5 x 8, 10 x 15, 16k, envelope #9, Envelope #10, Envelope Monarch;	
Print Technology	Laser	Madia Cines Custom	Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k	
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59 x 18 in	
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet multi-purpose tray, 2 × 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500	
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP Laser.let MPS—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security ¹ . Quality printing for a great value is a smart choice for any business.		sheet face-down output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity: Standard, 250 sheets; Envelope Feeder: No; Standard Paper Trays 3; Input Capacities: Up to 520 sheets; Output Capacities: Up to 500 sheets; Up to 40 envelopes	
	Produce premium, professional-quality documents at a competitive low cost with an HP Laser let MFP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and utilimately, the pace of business. Avoid pauses in productivity with an HP Laser let MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹⁰ —and avoid extra steps with a Flow MFP designed for maximum productivity.	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers. D0ES NOT INCLUDE TONER	
		Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 69,000) W9014MC ⁶	
		Product Dimensions	W x D x H : 23 x 30.3 x 36.7 in; Maximum : 47 x 66 x 30.5 in	
		Product Weight	210.8 lb	
		Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal	
Printer Management	Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator		requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.	
	Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver	Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver	
	Deployment Utility, HP Managed Printing Administration, PRNCONEXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers', HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Control Panel	Energy Sun, blue Anger, EPEN Siver 8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware	
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS		Integration Pocket; Extended Keyboard	
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)	
Scan File Format	Digital Send: PDF, HI-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals	
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Fonts and Typefaces	84 scalable TrueType fonts	
Scan Size	ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,	
Scan Speed	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) ⁷ Duplex: Up to 180 ipm (b&w), up to 180 ipm (color)		84, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS marOS 10.12 Sitera, OS 10.10 Vosemite, OS X 10.11 E Capitan, UNIX, Windows 10 all 32- 864-bit editions	
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit	
Bit depth / Grayscale levels	24-bit / 256		editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)	
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release	
	sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	Systems	2, and 3). Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 40/4.5, Citrix XenApp 5.0 (Plu Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5	
Copy Speed	Black (letter): Up to 60 cpm		[for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows	
Copy Resolution	Black (text and graphics): Up to 1200 x 1200 dpi reduced speed; Up to 1200 x 1200 dpi reduced speed;		Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP	
Maximum Number Of Copies	Color (text and graphics): Up to 1200 x 1200 dpi reduced speed Up to 999 copies		Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint	
Copier Resize	25 to 400%		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nove	
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup,		Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-b	
	Ivor anaek topying adduality image upgatine in a source isage contrast, update update isage and sharpness), politized text/jutue (text, mixed, printed picture, photograph), V-Up, N or Z-ordering; content orientation; collation; bookle; (L) 5 cars; (ab build;) job Storage; watermark; stamps; book mode scars; erase edges; automatical detect color/mono; image Preview		(SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201	
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ¹		R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Serve	
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi	Minimum System Requirements	2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)	
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM	Power	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC 1.3 GB availabl hard drive space; Internet; OS hardware requirements see Apple.com for more info Power Supply Type Internal (Built-in) power supply; Power Requirements; input voltage: 110 to 127Va	
	Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Telephone Mode Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers		(+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%)	
-	cech with 20 destinations, PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No;	Acoustics	Acoustic Power Emissions: 6.7 B(A) printing mono simplex using A4 paper at 60 ppm; Acoustic Pressur Emissions: 51 dB(A) printing mono simplex using A4 paper at 60 ppm	
Standard Connectivity Network Capabilities	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modern port	Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storag Temperature Range: 14 to 104%; Non-Operating Humidity Range: 10 to 80% RH. Operating Humidity Range: 20 to 80% RH. Recommended Humidity Operating Range: 20 to 80% RH	
	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,	
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	······	EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos	
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.	Accorsorios	Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	
Mobile Printing Capability	Management security: SIMPv3, SSL/TLS, WPA2-Enterprise Content of Security Security Security SIMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPSec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WIA-10 IPSec Configuration using IPSec Plug-in ³	Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HCI Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Y1G04A, Inner Finisher Y1G04A, Stapler/Stacker Finisher Y1G18A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher	
Memory	Standard: 7 GB; Maximum: 7 GB		Booklet Maker Staples Y1G13A, Booklet Finisher Y1G07A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, Job Separator Department Y1G01A, DOD CAC Card Reader	
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk.Total		CC543B, SIPRNet - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two	
	640 GB, AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5 JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030 Card Reader – HIP1 C2208A, HPAC Card Reader – HIP1 X3003A, HPAC Card Reader – HIP2 X3DI	
Duty Cycle	Monthly, letter: Up to 300,000 pages	HP Service and Support Options	Analog Fax Accessory CC487A	
Recommended Monthly Page Volume	Up to 100,000	Service and Support OptiOIS	U9LR0E – HP 1 year Next Business Day Service w/Defective Media Retention for LaserJet E825xx MFP Managed; U9LR1E – HP 3 year Next Business Day Service w/Defective Media Retention for LaserJet	
Media Types Supported	Up to 100,000 Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g,Heavy 111-130g, Mid-WtGlossy 96-110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Paperboad 221-255g, Paperboad 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Ervelope, Heavy		EB25xx MFP Managet; U91.R2E - HP 4 year Mext Business Day Service w/Defective Media Retention Lassreite E25xx MFP Managet; U91.R2E - HP 5 year Net Business Day Service w/Defective Media Retention for Laser Jet E825xx MFP Managet; U91.R4E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E825xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E825xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E825xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E825xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E85xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E85xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E85xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E85xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E85xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E85xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E85xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E85xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E85xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E85xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E85xx MFP Managet; U91.R4E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Jet 4 hour 9x5 Service w/Defective Media Retention for Jet 4 hour 9x5 Service w/Defective Media Retention for Jet 4 hour 9x5 Service w/Defective w/Defective w/Defective w/Defective w/Defective w/Defective w/Defecti	
	Envelope, Preprinted, Prepunched, Colored	Learn more at		
		be com		

hp.com

¹ Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.3.4 and 6 sec/page for V.1.7² Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.³ Optional Wireless ¹ Declared yield value in accordance with ISO/IEC 17523. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For more information see http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For more information see http://www.hp.com/go/learnaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁵ Measured using ISO/IEC 1973. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁵ Seasured using ISO/IEC 1973. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁵ Cars paeeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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HP A3 Mono LaserJet E82560dn 60PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 250 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 520 Sheet Trays.

Part #	Description	List Price
X3A79A	Base Engine for E82560dn	\$17,597.39
X3A75A	Speed Option for E82560dn	\$9,033.04
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With Inner Finisher

With External Finisher

Datasheet

HP LaserJet Managed Flow MFP E82560z



Businesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers premium quality, maximum uptime, and the strongest security.

Print Speed: Up to 60 ppm black; First Page Out: As fast as 6 sec black

Print Resolution: Black (best): Up to 1200 x 1200 dpi reduced speed

Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard Memory: Standard; 7 GB; Maximum: 7 GB

Mobile Printing Capability: Yes

Paper Handling: 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500 sheet face-down output bin

Display: 8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)











High quality, low cost

- Print premium, professional-quality documents with sharp text and crisp graphics for a low cost.
- Get consistent, professional quality and performance you count on with Original HP toner cartridges and drums.
- Choose from a range of modular accessories designed to adapt to the needs of workgroups of all sizes.

Minimal interruptions. Maximum uptime.

- Avoid interruptions with an HP LaserJet Managed MFP designed to be streamlined for maximum productivity.
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.²
- Grab pages and go, without waiting. This HP Laser Jet wakes up quickly and prints fast—up to 60 ppm.³

The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help protect information on the MFP and in transit over the network. Store data on the encrypted hard disk.⁴
- Continually monitor to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 250 pages into the automatic document feeder for fast, unattended scanning.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboat. For a list of printers, visit htp://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims² Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printersLaws. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁴ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://www.hp.com/go/printsecurity⁵ Scan speed measured from ADP at default 300 (blok-ad-wi-hvite, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

HP LaserJet Managed Flow MFP E82560z Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)	
Print Speed	Letter: Up to 60 ppm black; First Page Out: As fast as 6 sec black; ²	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15,	
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8,10 x 15, 16k, envelope #9, Envelope #10, Envelope Monarch;	
Print Technology	Laser		Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k	
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.59 x 18 in; Tray 2: 3.86 x 5.5 to 11.69 x 15.35 in; Tray 3: 5.5 x 7.17 to 12.59 x 18 in	
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet multi-purpose tray, 2 x 520-sheet input tray, 520-sheet input tray, 250 sheet ADF; 500	
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. ¹ Quality printing for a great value is a smart choice for any business.	T up of Humaning	too shear Hourpation and the second secon	
	Produce premium, professional-quality documents at a competitive low cost with an HP Laser let MFP built to make your work—and your business—book its best Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP Laser let MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering bullt-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security of fered only by HP. Accelerate workflow, improve accuracy, and deasily	What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers. DOES NOT INCLUDE TONER	
		Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 69,000) W9014MC ⁶	
		Product Dimensions	W x D x H : 23 x 30.3 x 36.7 in; Maximum : 47 x 66 x 30.5 in	
		Product Weight	210.8 lb	
Printer Management	connect people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm ¹⁰ —and avoid extra steps with a Flow MFP designed for maximum productivity. Printer Administrator Resource Kit for HP Universal Print Driver (UPD Active Directory Administrator Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNCON EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdvantage Security Manager	Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support	
			options in your region.	
		Energy Efficiency Compliance Control Panel	Energy Star; Blue Angel; EPEAT sliver 8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware	
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS		Integration Pocket; Extended Keyboard	
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)	
Scan File Format	Digital Send: PDF, HI-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTFF, PSP, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals	
	(OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Fonts and Typefaces	84 scalable TrueType fonts	
Scan Input Modes	Front panel applications: Copy, E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory: Open Extensibility Platform (OXP) applications	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mmt (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Ubunt (12.04, 14.40, 15.10), (6.04, 16.10), (6.36, 16.2)	
Scan Size	ADF: 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed: 11 x 17 in		Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions	
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) ⁷ Duplex: Up to 240 ipm (b&w), up to 240 ipm (color)		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)	
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1,	
Bit depth / Grayscale levels	24-bit / 256	Systems	 and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus 	
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to sFTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Corp To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page		Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit. Citrix XenApp 6.0/c.5 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit). Citrix XenApp 7.5 (for Windows Server 2018 R2 SP1 Terminal Services, 32- and 64-bit). Citrix XenApp 7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit). Citrix XenDesktop 5.6 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit). Citrix XenDesktop 5.6 (for Windows Server 2008 R2 SP	
Copy Speed	Black (letter): Up to 60 cpm		Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint	
Copy Resolution	Black (text and graphics): Up to 1200 × 1200 dpi reduced speed; Up to 1200 × 1200 dpi reduced speed; Color (text and graphics): Up to 1200 × 1200 dpi reduced speed		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nov Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)	
Maximum Number Of Copies	Up to 999 copies		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2)	
Copier Resize	25 to 400%		Ger (15-27, Sacual uter filting hist et "clusted" in terminal services), winculows 3etver 2008 25-764-nic 52- Standard[Enterprise (- Lluster & Terminal Services), Windows Server 2008 28 264-bit (SPI) Standard[Enterprise (- Lluster & Terminal Services), Windows Server 2008/2008 R2 32-764-bit (SPI)529; Standard[Enterprise]/Datacenter (- Lluster & Terminal Services), Windows Server 2012/20 R2 64-bit Standard[Foundation/Essential/Datacenter (- Cluster & Terminal Services), Windows Server 2016 (64-bit Standard[Foundation/Essential/Datacenter (- Cluster & Terminal Services), Windows Server 2016 (64-bit Standard[Foundation/Essential/Datacenter (- Cluster & Terminal Services), Windows Server 2012 (20	
Copier Settings	Two-sided copying: scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scar; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview			
Fax Speed	_	Minimum System Requirements	PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB available	
Fax Resolution	Up to: 33.6 kbps; Letter: 3 sec per page ¹ Plack (base): Up to 200 x 200 dbi (400 x 400 dbi for received favor only): Plack (standard): 202 x 0.9 dbi		hard drive space; Internet; OS hardware requirements see Apple.com for more info	
Fax Features	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi Fax Memory: Up to 500 pages; Auto Fax Reduction Supported 'Ves; Auto-Redialing' Ves; Fax Delayed Sending: No. Distictive Ring Detection Supported No. Fax Forwarding Supported' Ves; Fax Phone TAM	Power Acoustics	Power Supply Type Internal (Built-in) power supply, Power Requirements: Input voltage: 110 to 127Vac (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%) Acoustic Power Emissions 6.6 B(A) printing mono simplex using A4 paper at 40 ppm; Acoustic Pressure	
	Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Telephone Mode Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers		Emissions: 51 dB(A) printing mono simplex using A4 paper at 60 ppm	
Standard Connectivity	(each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Operating Environment	Operating Temperature Range: 59 to 66%F; Recommended Operating Temperature: 59 to 66%F; Storage Temperature Range: 14 to 104%F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH	
	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos	
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)		Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HCI	
Wireless Capability	No wireless capabilities standard. There are optional accessories (common to all current Jedi products) that support wireless. These are listed in the connectivity section, above.		Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedish	
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPSec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in ³		Y1G04A, Stapler/Stacker Finisher Y1G18A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Bookdet Maker Staples Y1G13A, Booklet Finisher Y1G07A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, Job Separator Department Y1G01A, DOD CAC Card Reader CC543B, SIPRNet - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two	
Memory	Standard: 7 GB; Maximum: 7 GB		internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC	
Processor Speed	1.2 GHz / Hard disk: Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIS 140-2 void tech hard disk instead.	HP Service and Support Options	Card Reader - HIPI CZ200A, HPAC Card Reader - HIPI X3003A, HPAC Card Reader HIPI X3003A, HPAC Card Reader - HIPI X3003A, HPAC Card Reader - HIPI X3003A, HPAC Card Reader - HIPI X3003A, HPAC Card Reader HIPI X3003A, HPAC Card Reader - HIPI X3003A, HPAC Card Reader - HIPI X3003A, HPAC Card Reader HIPI X3003A, HPAC RAADA	
Duty Cycle	Monthly, letter: Up to 300,000 pages		E825xx MFP Managed: U9LR2E – HP 4 year Next Business Day Service w/Defective Media Retention for LaserJet E825xx MFP Managed; U9LR3E – HP 5 year Next Business Day Service w/Defective Media Retention for Laser Jet E825xx MFP Managed; U9LR4E – HP 3 year 4 hour 9x5 Service w/Defective	
Recommended Monthly Page Volume	Up to 100,000			
Media Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Hwy Glossy 113-130g, HP Matte 700g, HP Glossy 200g, Carstock 716-220g, Card Glossy 113-175g, HP/Motte 700g, HP Glossy 200g, Carstock 716-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 976-2300, Light Paperboard 221-255g, Card Glossy 176-220g, Light Paperboard 221-255g	Learn more at	Media Retention for Laser Jet E825xx MFP Managed; U9LR5E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E825xx MFP Managed	
	Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored	hp.com		

¹ Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17² Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ³ Optional Wireless ⁴ Declared yield value in accordance with ISO/IEC 17529. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/leanaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/leanaboutsupplies. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/leanaboutsupplies.

http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.⁶ Average color composite black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies ⁷ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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HP A3 Mono LaserJet Flow MFP E82560z 60PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR & USB), 250 Sheet Doc Feeder, Duplex, Exit Tray, Keyboard and 2 Adjustable 520 Sheet Trays.

		2
Part #	Description	List Price
X3A82A	Base Engine for E82560z	\$20,366.96
X3A74A	Speed Option for E82560z	\$9,033.04
Y1G16A	Cabinet	\$830.87
Y1F98A	Dual Cassette 2 x 520 sheets	\$2,045.22
Y1G21A	2000 Sheet High Capacity Input	\$3,890.00
Y1G20A	3000 Side HCI (dept)	\$5,200.00
Y1G01A	HP LaserJet Job Separator Dept - R/D	\$761.25
Y1G00A	Inner Finisher	\$3,041.61
Y1G18A	External Stapler/Stacker Finisher - 3K Sheets	\$4,687.98
Y1G07A	Booklet Maker Finisher	\$7,914.99
Y1G02A	Hole Punch - 2/3 for Inner Finisher	\$1,825.02
Y1G10A	Hole Punch - 2/3 for External Finisher	\$1,825.02
CC487A	Fax	\$348.00
B5L28A	Internal USB Ports	\$42.02
B5L29A	Secure High Performance Hard Disk Drive	\$616.82
J8030A	Jetdirect 3000w NFC/Wireless Accessory	\$72.93
J8031A	Jetdirect 2900nw Print Server	\$184.18
X3D03A	USB Universal Card Reader	\$199.00
B5L31A	Foreign Interface Harness	\$114.95
CC543B	Smartcard US Govt Niprnet Solution	\$439.00
CZ208A	AC USB Proximity Reader	\$199.00
F5S62A	Trusted Platform Module Print Accessory	\$116.88
F8B30A	Smartcard US Govt Siprnet Solution	\$493.21
Y1G22A	Paper Tray Heaters	\$350.00





With External Finisher

With Inner Finisher



A3 Color PageWide MFPs

P77740dn	40PPM Color (Includes Fax)
P77740dw	40PPM Color (Includes Fax & Wireless)
P77440dn	40PPM Color
P77940dns	40PPM Color (Includes Finisher)
E77650dn	50PPM Color
E77650dns	50PPM Color (Includes Finisher)
E77650z	50PPM Color (Flow SeriesIncludes keyboard & OCR)
E77650zs	50PPM Color (Flow SeriesIncludes keyboard, Finisher & OCR)
E77660dn	60PPM Color
E77660dns	60PPM Color (Includes Finisher)
E77660z	60PPM Color (Flow SeriesIncludes keyboard & OCR)
E77660zs	60PPM Color (Flow SeriesIncludes keyboard, Finisher & OCR)

HP PageWide Managed P77740dn Multifunction Printer



HP Managed MFPs and printers are optimized for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.

Professional mode speed: Up to 40 ppm black; Up to 40 ppm color

Scan resolution: Hardware: Up to 600×600 dpi; Optical: Up to 600 dpi

Copy resolution: Black (text and graphics): Up to 600 dpi; Up to 600 dpi; Color (text and graphics): Up to 600 dpi Standard connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed

USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line

Paper handling: 2 x 550-sheet Tandem Input Tray; 100-sheet multi-purpose tray; 500-sheet face-down output bin

Duty cycle (monthly): Up to 150,000 pages



Compatible with Windows®10





AirPrint



Affordable color printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low color cost per page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.³
- Print even faster—and save even more per page—by setting this printer to General Office mode.4
- Help keep costs down—this HP PageWide MFP uses less energy than any laser competitor in its class.¹

Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide MFP designed for the least maintenance in its class.⁵
- Wait less, do more with best-in-class speeds—as fast as 60 ppm in color and black-and-white.⁶
- Print Microsoft[®] Word and PowerPoint[®] files with a USB port that quickly recognizes, formats, and prints.⁷
- Equip this HP PageWide MFP with a variety of accessories to meet the needs of your office.

Strong security designed to detect and stop attacks

- A suite of embedded security features helps protect your printer from being an entry point for attacks.
- Help ensure the security of confidential information. Enter a PIN at the device to retrieve your print job.
- Easily set configuration policies and automatically validate settings for every HP printer in your fleet.¹¹
- Thwart potential attacks and take immediate action with instant notification of security issues.

Designed with the environment in mind

- Conserve resources with an HP PageWide—designed to use less energy than any laser MFP in its class.¹
- Certified for ISO class 5 cleanrooms—perfect for sensitive environments.
- Help reduce your impact. Count on easy cartridge recycling at no charge through HP Planet Partners.¹²

¹ Energy claim based on all TEC data reported on energystar.gov as of November 2016. Data normalized to determine energy efficiency of in-class A3 color laser printers with published speeds of 20 to 80 ppm, excluding other HP PageWide products. Subject to device settings. Actual results may vary.³ High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 990 series High Yield Original PageWide (cartridges comparison based on printing in Professional Mode. ⁵ Fewer service parts claim based on BLI analysis of leading in-class A3 MFPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed (using a 60% black/dWM color ratio); market share as reported by IOC as of Q3 2016. Learn more at http://www.hp.com/go/pagewideclaims.⁶ Comparison based on manufacturers' published specifications of fastest available color mode of all A3 color business printers \$1,000-2,500 USD or €900-€2,300 Euros and MFPs \$2,000-\$5,000 USD or €4,500 Euros as of August 2016, excluding other HP PageWide products, and products with 1% or lower market share as reported by IDC as of Q2 2016. HP PageWide products, and products with 1% or lower market share as reported by IDC as of Q2 2016. HP PageWide products, and proverPoint® 2003 and later. Only Latin language fonts are supported.¹¹ Requires separate purchase. For details, see http://www.hp.com/go/securitymanager.¹² Program availability varies. For more information, visit http://www.hp.com/recycle.

HP PageWide Managed P77740dn Multifunction Printer Specifications Table

Functions / Multitasking Supported	Print, copy, scan, fax / Yes	Media Weight Supported ¹⁰	Tray 1: 16 to 32 lb (plain paper); 33 to 80 lb (photo); 20 to 24 lb (envelope); 32 to 48 lb (brochure); 90 to 110 lb (card); Tray 2: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 20	
Print Speed ⁵⁶	Black (ISO): Up to 40 ppm; Color (ISO): Up to 40 ppm First Page Out Black: As fast as 8 sec; First Page Out Color: As fast as 8 sec; Black (GO): Up to 60 ppm; Color (GO): Up to		to 24 b (envelope); 33 to 48 b (brochure); 90 to 110 b (card); Tray 3: 16 to 32 b (plair paper); 33 to 66 b (photo); 32 to 48 b (brochure); 90 to 110 b (card); Tray 3: 16 to 32 b (plair paper); 33 to 66 b (photo); 32 to 48 b (brochure); 90 to 110 b (card)	
Print Resolution	60 ppm Black (best): Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Color (best): Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)	Media Sizes Supported	12 x 18; 11 x 17; RA3; A3; 8K: 273 x 394 mm, 270 x 390 mm, 260 x 368 mm; B4 (JIS Legal; Oficio 216 x 340 mm; Oficio 8.5 x 13; C4; SRA4; RA4 - R; Arch A-R; A/4/3; A4 - F Letter - R; 16K; 197 x 273 mm - R; 195 x 270 mm - R; executive - R; A5 - R; 16K: 184 260 mm - R; B5 (JIS) - R; Arch A; Statement; Letter; RA4; A4; 5 x 8; Double Japan Postcard Rotated; 16K: 197 x 273 mm, 195 x 270 mm, 184 x 260 mm; Executive; B5 (JIS) - R; Arch 40; J0 x 37 mm; A95 x 270 mm, 184 x 260 mm; Executive; B5	
Print Technology	HP PageWide Technology with pigmented inks		(JIS); B6 (JIS); 5 × 7; 4 × 6; 10 × 15 cm; A5; Double Japan Postcard Rotated - R; A6; Japanese Postcard; Custom-sized media; Envelopes; Envelope B5; Envelope #10;	
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)		Japanese Envelope Chou #3; Japanese Envelope - Flap Open; Envelope C5; Envelop	
Borderless Printing	No		#9; Envelope DL; Envelope Monarch; Envelope C6; Cards; 5 x 8 Index card; Double Japan Postcard Rotated; 4 x 6 Index card; Double Japan Postcard Rotated - R; A6 Index	
Standard Print languages	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation, native Office, PJL,		card; Japanese Postcard; Custom-sized media; Photo Media; 5 x 7 Photo Media; 4x6 Photo media; 10 x 15 cm; Japanese Postcard Hagaki Photo Cards	
	JPEG, PCLM	Media Sizes Custom	Tray 1 supports (3.9 to 12 in) x (5.83 to 18 in), Tandem Trays support (8.27 to 11.70	
Printer Smart Software Features	HP Mobile Apps, Google Cloud Print v2, HP EasyColor, print preview, automatic two-sided printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, booklet printing, cover pages, tray selection, scaling, Portrait/Landscape orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation/Maximum dpi print modes, front USB port, copy/scan/fax; Control Panel Shortcuts; HP UPD PIN printing; HP Color Access Control; Optional: HP and third party extensibility solutions.	Paper Handling	inl x (5.83 to 8.50 in), Universal Trays support (8.27 to 11.70 in) x (5.83 to 17.00 in) 2 x 550-sheet Tandem Input Tray; 100-sheet multi-purpose tray; 500-sheet face-down output bin; Duplex Options : Automatic (standard); Auto Document Feeder Capacity : 100 sheets; Ervelope Feeder : No (but will feed envelopes through MP Tray; Standard Paper Trays : 3; Input Capacities : Up to 1100 sheets Tandem Tray; Up to 100 sheets - MP Tray standard; Up to 10; None transparencies; Up to 1600 + 200 + 200 +	
Scan Type / Technology	Flatbed, ADF/ Contact Image Sensor (CIS)		40 for A5 size and larger; Up to 40 for smaller than A5 size; Up to 1600 + 200 + 200 + 40 sheets labels; None - Tandem Tray; Up 100 sheets - MP Tray legal; Output	
Scan Resolution	Hardware: Up to 600 × 600 dpi; Optical : Up to 600 dpi		Capacities: Up to 500 sheets standard; Up to 50 envelopes; None transparencies; Up to	
Scan File Format	Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)	What's in the box	200 cards; Up to 200 sheets labels; Up to 500 sheets legal Y3Z57A HP PageWide Managed P77740dn Multifunction Printer; HP Setup Contract AC	
Scan Input Modes	Front panel applications: Copy, Scan to E-mail with LDAP e-mail address lookup, Scan to Network Folder, Scan to USB, Scan to Sharepoint, Scan to Computer with SW. Client applications: EWS, HP Scan App, Compatible with HP Capture and Route		Black Contract Original PageWide Cartridge (~10,000 pages); HP 990 Setup Contract Cyan PageWide Cartridge; HP 990 Setup Contract Yellow PageWide Cartridge; HP 990 Setup Contract Magenta PageWide Cartridge (~8,000 pages); power cord; installation quide	
Scan Size Maximum	ADF : 11.7 x 17 in; Flatbed : 11.7 x 17 in	Replacement Cartridges	M0J86AE HP 990A Black Original PageWide Cartridge (~10,000 pages); M0J74AE HP	
Scan Speed	Up to 50 ipm (mono and color, long edge feeding)		990A Cyan Original PageWide Cartridge (~8,000 pages); M0J78AE HP 990A Magenta Original PageWide Cartridge (~8,000 pages); M0J82AE HP 990A Yellow Original	
Scanner Advanced Features	Image adjustments; Output quality setting; Selectable scan resolution 75 to 1200 dp; Job notification; Scan and save to destinations: network folder, Computer, Sharepoint, USB flash drive, e-mail; OCR software is included with the printer, OCR is completed at the PC, see software section for more details.		onginal vagewide Lartridge (~3,000 pages); MOJBZAE HP 990X High Yield Black Original PageWide Cartridge (~20,000 pages); MOJBQAE HP 990X High Yield Black Original PageWide Cartridge (~20,000 pages); MOJBQAE HP 990X High Yield Vagenta Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Vallow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Vallow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Vallow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Vallow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Vallow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Vallow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Vallow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Vallow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Vallow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 Pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 Pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 Pages); MOJBAE HP 990X High Yield Yellow Original PageWide Cartridge (~16,000 Pages); MOJBAE HP 990X High Yellow Original PageWide Cartridge (~16,000 Pages); MOJBAE HP 990X High Yellow Origi	
Bit Depth / Grayscale levels	24-bit (color); 8-bit (gray)/ 256		PageWide Cartridge (~16,000 pages); X4D19AC HP 990AC Black Contract Original PageWide Cartridge (~20,000 pages); X4D10AC HP 990AC Cyan Contract Original	
Digital Sending Standard Features	Scan-to E-mail with LDAP email address lookup; Scan-to Network Folder; Scan-to USB; Scan-to Sharepoint; Scan-to Computer with SW; Fax Archive-to Network Folder; Fax Archive to E-mail; Fax-to Computer; Enable/Disable Fax; Enabel/Disable color Fax, Color Access Control; Native authorization and authentication; Quick Sets	_	Pagewide Cartridge (~ 20,000 pages), AD TOAC HP SPORC Cyair Contract Original Pagewide Cartridge (~ 16,000 pages); X4D13AC HP 990AC Magenta Contract Original PageWide Cartridge (~ 16,000 pages); X4D16AC HP 990AC Yellow Contract Original PageWide Cartridge (~ 16,000 pages)	
Copy Speed ³	Black (ISO): Up to 40 cpm; Color (ISO): Up to 40 cpm; Black (GO): Up to 60 cpm;	Product Dimensions	W x D x H : 23.5 x 20.9 x 22.5 in; Maximum : 60 x 37.7 x 34.3 in	
	Color (GO): Up to 60 cpm	Product Weight ¹	131.17 lb	
Copy Resolution	Black (text and graphics): Up to 600 dpi; Up to 600 dpi; Color (text and graphics): Up to 600 dpi	Warranty Features	Warranty Features 90 day parts only warranty, except printhead assy, which has a thre year extended coverage	
Maximum Number Of Copies	Up to 999 copies	Energy Efficiency Compliance	ENERGY STAR® certified; EPEAT® Silver; Blue Angel, China CCC and CECP	
Copier Resize	25 to 400%	Control Panel Display Description	4.3" CGD (Color Graphic Display), IR touchscreen for P77740dn&dw series	
Copier Settings	ID Copy; Resize; Quality: Lighter/Darker; Two-sided copying; Tray Selection; Collate; Binding Marging;; Copy Preview with Crop and rezise; Enhancements; Enable/Disable copy; Enable/Disable copy color; Auto Color Selection; Color Access Control; Native Authorization & authenticatrion; Set as New Defaults	Software Included	4.3" CGD (Color Graphic Display), IR touchscreen for P77740dn&dw series Windows Installer for discrete PCL 6 driver with Printer Assistant tools and Scan/Fax software; Mac Installer for PS driver with HP Utility and Scan/Fax software; HP Participation Study; OCR software is included with the printer, OCR is completed at the	
Fax Speed	Up to: 33.6 kbps; Letter: 5 Sec per page	Compatible Operating Systems	PC, see software section for more details.	
Fax Resolution	Black (best): 300 x 300 dpi; Color (best): 200 x 200 dpi; Black (standard): 203 x 98 dpi; Color (standard): 200 x 200 dpi	Compatible Network Operating	Go to hp.com/search for HP PageWide Managed P77740dn Multifunction Printer for all operating Systems	
	Digital Fax - Fax to Computer is available with Windows and Macintosh, visit http://www.hp.com/support to download the latest software.	Systems Minimum System Requirements	Go to hp.com/search for HP PageWide Managed P77740dn Multifunction Printer for all operating Systems	
Fax Features ⁴	Fax Memory: Up to 500 pages (black and white); Auto Fax Reduction Supported: Yes;	i minimun system requirements	or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD	
Standard Connectivity	Auto-Redialing: Yes; Fax Delayed Sending: Yes; Distinctive Ring Detection Supported: Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No: Fax Telephone Mode Supported: Yes; Junk Barrier Supported: Yes, requires Calter ID; Maximum Speed Dialing Numbers: No Limit; PC Interface Supported: Yes, HP Software support provided; Telephone Handset Supported: Yes 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX		Explorer. Windows Vista [®] : 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows [®] XP SP3 or higher (32-bit only): any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8; MAC : Apple [®] OS	
	Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No; Fax Telephone Mode Supported: Yes; Junk Barrier Supported: Yes; requires Caller ID; Maximum Speed Dialing Numbers: No Limit; PC Interface Supported: Yes, HP Software support provided; Telephone Handset Supported: Yes 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line		Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows [®] XP SP3 or higher (32-bit only): any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8; MAC : Apple [®] OS X v10.12 Sierra, 05X v10.11 El Capitan, 05X v10.10 Yosemite; minimum 1.2 GB available HD space; Internet required; USB port	
Network Capabilities	Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No; Fax Telephone Mode Supported: Yes; Junk Barrier Supported: Yes; requires Caller ID; Maximum Speed Dialing Numbers: No Limit; PC Interface Supported: Yes, HP Software support provided; Telephone Handset Supported: Yes 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modern port/phone line Yes, via built-in Ethernet	Power ²	Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows % VPS 92 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8; MAC : Apple® OS X v10.12 Sirra, OS X v10.11 EI Capitan, OS X v10.10 Vosemite; minimum 1.2 GB available HD space; Internet required; USB port Power Supply Type : Internal (Built-in) Universal Power Supply; Power Requirements :	
Network Capabilities Wireless Capability	Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No; Fax Telephone Mode Supported: Yes; Junk Barrier Supported: Yes; requires Caller ID; Maximum Speed Dialing Numbers: No Limit; PC Interface Supported: Yes, HP Software support provided; Telephone Handset Supported: Yes 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line Yes, via built-in Ethernet No	Power ²	Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows [®] XP SP3 or higher (32-bit only): any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8; MAC : Apple [®] OS X v10.12 Sierra, 05X v10.11 El Capitan, 05X v10.10 Yosemite; minimum 1.2 GB available HD space; Internet required; USB port	
Network Capabilities Wireless Capability	Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No; Fax Telephone Mode Supported: Yes; Junk Barrier Supported: Yes; requires Caller ID; Maximum Speed Dialing Numbers: No Limit; PC Interface Supported: Yes, HP Software support provided; Telephone Handset Supported: Yes 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line Yes, via built-in Ethernet No HP ePrint; Apple AirPrint [™] ; Mopria [™] -certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps	Power ² Operating Environment	Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows % VS P3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8; MAC Apple® OS X v10.12 Sirra, OS X v10.11 EL Capitan, OS X v10.10 Vosemite; minimum 1.2 GB available HD space; Internet required; USB port Power Supply Type : Internal (Built-in) Universal Power Supply; Power Requirements . Input voltage: 100 to 240 VAC (+7 - 10%), S0/60 Hz (+7 - 3 Hz); Power Consumption : 70 watts (printing), 20.95 watts (ready), 2.00 watts (sleep), 0.17 watts (off) Operating Temperature Range : 59 to 86°F; Recommended Operating Temperature : 59 08 6°F; Non-Operating Humidity Range : 51 90% RH: Operating Humidity Range : 20	
Network Capabilities Wireless Capability Mobile Printing Capability Memory	Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No; Fax Telephone Mode Supported: Yes; Junk Barrier Supported: Yes; requires Caller ID; Maximum Speed Dialing Numbers: No Limit; PC Interface Supported: Yes, HP Software support provided; Telephone Handset Supported: Yes 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line Yes, via built-in Ethernet No HP ePrint; Apple AirPrint [™] ; Mopria [™] -certified; Wireless Direct Printing; Google Cloud		Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows ® VPS 92 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8; MAC Apple® OS X v10.12 Sirra, OS X v10.11 EL Capitan, OS X v10.01 Vosemite; minium 1.2 GB available HD space; Internet required; USB port Power Supply Type : Internal (Built-in) Universal Power Supply; Power Requirements . Input voltage: 100 to 240 VAC (+7 - 10%), SO/60 Hz (+7 - 3 Hz); Power Consumption : 70 watts (printing), 20.95 watts (ready), 2.00 watts (sleep), 0.17 watts (off) Operating Temperature Range : 59 to 86°F; Recommended Operating Temperature : 59 to 86°F; Non-Operating Humidity Range : 51 s 90% RH: Operating Humidity Range : 20 to 80% RH; Recommended Humidity Operating Range : 20 to 80% RH	
Network Capabilities Wireless Capability Mobile Printing Capability Memory Processor Speed	Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No; Fax Telephone Mode Supported: Yes; Jax Barrles Supported: Yes; J	Operating Environment	Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8; MAC Apple® OS X v10.12 Sirra, OS X v10.11 EL Capitan, OS X v10.10 Vosemite; minimum 1.2 GB available HD space; Internet required; USB port Power Supply Type: Internal (Built-in) Universal Power Supply; Power Requirements: Input voltage: 100 to 240 VAC (+1 - 10%), SO/60 Hz (+7 = 3 Hz); Power Cosumption: 70 watts (pinting), 20.95 watts (ready), 2.00 watts (sleep), 0.17 watts (off) Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Non-Operating Humidity Range: 5 to 90% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH HP PageWide Managed 550-sheet Paper Tray (P1V16A); HP PageWide Managed 550-sheet Paper Tray and Cabinet (P1V17A); HP PageWide Managed 3x50 sheet	
Network Capabilities Wireless Capability Mobile Printing Capability Memory Processor Speed Duty Cycle ⁷	Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No; Fax Telephone Mode Supported: Yes; Junk Barrier Supported: Yes, requires Calter ID; Maximum Speed Dialing Numbers: No Limit; PC Interface Supported: Yes, HP Software support provided; Telephone Handset Supported: Yes 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line Yes, via built-in Ethernet No HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps Standard: 1.5 GB; Maximum: 1.5 GB 1.5 GHz / Hard disk: None (printer uses eMMC solid state drive (SSD)). Standard eMMC	Operating Environment	 Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8; MAC Apple® OS X10.12 Explorer, 0S X10.11 EL Capitan, OS X 10.10 Vosemite; minimum 1.2 GB available HD space; Internet required; USB port Power Supply Type: Internal (Built-in) Universal Power Supply; Power Requirements: Input voltage: 100 to 240 VAC (+7 - 10%), S0/60 Hz (+7 - 3 Hz); Power Consumption: 70 watts (printing), 20.95 watts (ready), 2.00 watts (sleep), 0.17 watts (off) Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Non-Operating Humidity Range: 20 to 80% RH; HP PageWide Managed S50-sheet Paper Tray (P1V16A); HP PageWide Managed 3x550 sheet Paper Tray and Stand (P1V18A); HP PageWide Managed 4000 sheet High-capacity 	
Network Capabilities Wireless Capability Mobile Printing Capability Memory Processor Speed Duty Cycle ⁷ Recommended Monthly Page	Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No; Fax Telephone Mode Supported: Yes; Junk Barrier Supported: Yes, requires Calter ID; Maximum Speed Dialing Numbers: No Limit; PC Interface Supported: Yes, HP Software support provided; Telephone Handset Supported: Yes 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line Yes, via built-in Ethernet No HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps Standard: 1.5 GB; Maximum: 1.5 GB 1.5 GHz / Hard disk: None (printer uses eMMC solid state drive (SSD)). Standard eMMC memory = 16GB, upgradeable to 128GB	Operating Environment Accessories	Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8; MAC Apple® OS X v10.12 Sirra, OS X v10.11 EL Capitan, OS X v10.10 Vosemite; minimum 1.2 GB available HD space; Internet required; USB port Power Supply Type: Internal (Built-in) Universal Power Supply; Power Requirements: Input voltage: 100 to 240 VAC (+1 - 10%), SO/60 Hz (+7 = 3 Hz); Power Cosumption: 70 watts (pinting), 20.95 watts (ready), 2.00 watts (sleep), 0.17 watts (off) Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Non-Operating Humidity Range: 5 to 90% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH HP PageWide Managed 550-sheet Paper Tray (P1V16A); HP PageWide Managed 550-sheet Paper Tray and Cabinet (P1V17A); HP PageWide Managed 3x50 sheet	
Network Capabilities Wireless Capability Mobile Printing Capability Memory Processor Speed Duty Cycle ⁷	Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No; Fax Telephone Mode Supported: Yes; Junk Barrier Supported: Yes, requires Calter ID; Maximum Speed Dialing Numbers: No Limit; PC Interface Supported: Yes, HP Software support provided; Telephone Handset Supported: Yes 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2 RJ-11 modem port/phone line Yes, via built-in Ethernet No HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps Standard: 1.5 GB; Maximum: 1.5 GB 1.5 GHz / Hard disk: None (printer uses eMMC solid state drive (SSD)). Standard eMMC memory = 16GB, upgradeable to 128GB Monthly, Letter: Up to 150,000 pages	Operating Environment	 Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows® XP SP3 or higher (32-bit only); any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8; MAC: Apple® OS X v10.12 Sierra, OS X v10.11 B (Capitan, OS X v10.10 Vosemite; minimum 1.2 GB available HD space; Internet required; USB port Power Supply Type: Internal (Built-in) Universal Power Supply; Power Requirements: Input voltage: 100 to 240 VAC (+-1 ON), 50/60 Hz (+-1 3 Hz); Power Consumption: 70 watts (printing), 20.95 watts (ready), 2.00 watts (sleep), 0.17 watts (off) Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Non-Operating Humidity Range: 2 to to 30% RH. HP PageWide Managed 550-sheet Paper Tray (P1V16A); HP PageWide Managed 350 sheet Paper Tray and Cabinet (P1V17A); HP PageWide Managed 4000 sheet High-capacity Paper Tray and Stand (P1V19A); HP PageWide Managed 4000 sheet High-capacity Paper Tray and Stand (P1V19A); HP PageWide Managed 4000 sheet High-capacity 	

Learn more at

hp.com

¹ With ink installed, no media in trays ² Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Power consumption in Sleep modes depends on customer network switch capability, user configuration and network activity. ³ Speed specifications have been updated to reflect current industry testing methods. ⁴ Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. ⁵ ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see hp.com/go/printerclains ⁶ No heating or fusing warm up time required ⁷ Duty cycle is defined as the maximum number of pages per month of intaged output. This value provides a comparison of product robustness in relation to other HP Laser/et or HP Color Laser/et devices, and enables appropriate deployment of printers and MPs to satisfy the demands of connected individuals or groups. ⁸ HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. ³ HP SureSupply alerts you when you should replace a print cartridge and helps you purchase locally or via the Internet. For more information, visit hp.com/learn/suresupply. Only available with original HP supplies; Internet access required. ¹⁰ All HP media listed as compatible with the printer in the HP PageWide Printing Supplies Compatibility Guide, regardless of weight, may be used

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HP A3 PageWide Color MFP P77740dn 40PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Fax, Scan (Network Folder, E-Mail and USB), 100 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 550 Sheet Trays.

Part #	Description	List Price
Y3Z57A	P77740dn	\$8,180.87
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
P1V19A	Cassette - 2 x 2000 Sheets Plus Stand	\$5,240.87



With 5 Trays & Exit Tray

HP PageWide Managed P77740dw Multifunction Printer



HP Managed MFPs and printers are optimized for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.

Professional mode speed: Up to 40 ppm black; Up to 40 ppm color

Scan resolution: Hardware: Up to 600 x 600 dpi; Optical: Up to 600 dpi

Copy resolution: Black (text and graphics): Up to 600 dpi; Up to 600 dpi; Color (text and graphics): Up to 600 dpi **Standard connectivity:** 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100 Base-TX network; 2

RJ-11 modem port/phone line; 802.11 b/g/n - dual band Station; NFC; Bluetooth Smart; WiFi Direct Paper bandling: 2 x 550-sheet Tandem Input Tray: 100-

Paper handling: 2 x 550-sheet Tandem Input Tray; 100sheet multi-purpose tray; 500-sheet face-down output bin Duty cycle (monthly): Up to 150,000 pages







AirPrint







Affordable color printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low color cost per page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.³
- Print even faster—and save even more per page—by setting this printer to General Office mode.⁴
- Help keep costs down—this HP PageWide MFP uses less energy than any laser competitor in its class.¹

Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide MFP designed for the least maintenance in its class.⁵
- Wait less, do more with best-in-class speeds—as fast as 60 ppm in color and black-and-white.⁶
- Print Microsoft[®] Word and PowerPoint[®] files with a USB port that quickly recognizes, formats, and prints.⁷
- Equip this HP PageWide MFP with a variety of accessories to meet the needs of your office.

Strong security designed to detect and stop attacks

- A suite of embedded security features helps protect your printer from being an entry point for attacks.
- Help ensure the security of confidential information. Enter a PIN at the device to retrieve your print job.
- Easily set configuration policies and automatically validate settings for every HP printer in your fleet.
- Thwart potential attacks and take immediate action with instant notification of security issues.

Designed with the environment in mind

- Conserve resources with an HP PageWide—designed to use less energy than any laser MFP in its class.¹
- Certified for ISO class 5 cleanrooms—perfect for sensitive environments.
- Help reduce your impact. Count on easy cartridge recycling at no charge through HP Planet Partners.¹²

¹ Energy claim based on all TEC data reported on energystar.gov as of November 2016. Data normalized to determine energy efficiency of in-class A3 color laser printers with published speeds of 20 to 80 ppm, excluding other HP PageWide products. Subject to device settings. Actual results may vary. ³ High-yield cartridges are not included in printer purchase; purchases exparately. Comparison is based on ISD 24711 cartridge yields for HP 990 series High Yield Original PageWide Cartridges. The product as the province settings. Actual results may vary. ³ High-yield cartridges are not included in printer purchase; purchases exparately. Comparison is based on ISD 24711 cartridge yields for HP 990 series High Yield Original PageWide Cartridges. Learn more at http://www.hp.com/go/RogAgeWideLass A3 MFPs as of August 2015; calculations use publicly available and/or published manufacturer rated yields for Inog-life consumables and assume 600,000 pages printed (using a G6W black/A00K color ratio) market share as peorted by IDC as of Q3 2016. Learn more at http://www.hp.com/go/apageWideLams, ⁶ Comparison based on manufacturers' published specifications of fastest available color mode of all A3 color business printers \$1,000-2,500 USD or E900-£2,300 Euros and MFPs \$2,000-\$5,000 USD or €2,000-£4,500 Euros and MLPs \$2,000-\$5,000 USD or €2,000-£4,500 Euros and MLPs \$2,000-\$5,000 USD or €2,000-£4,500 Euros and Gaugust 2016, excluding other HP PageWide products, and products with 1% or lower market share using market share as reported by IDC as of Q 2 2016. HP PageWide speeds based on General Office mode and excluded first page. Learn more at http://www.hp.com/go/printerspeeds. ⁷ Feature works with Microsoft® Word and PowerPoint® 2003 and later. Only Latin language fonts are supported. ⁸ Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz routers only. ⁹ Requires a compatible WFC-printing-enabled mobile device. For a list of comp

HP PageWide Managed P77740dw Multifunction Printer Specifications Table

Freedow (Madda - Company)		Media Weight Supported	Tray 1: 16 to 32 lb (plain paper); 33 to 80 lb (photo); 20 to 24 lb (envelope); 32 to 48 lb (brochure); 90 to
Functions / Multitasking Supported	Print, copy, scan, fax / Yes		110 lb (card); Tray 2: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 20 to 24 lb (envelope); 32 to 48 lb (brochure); 90 to 110 lb (card); Tray 3: 16 to 32 lb (plain paper); 33 to 66 lb (photo); 32 to 48 lb
Print Speed	Letter: Up to 40 ppm black; Up to 40 ppm color ⁵ First Page Out: As fast as 8 sec black; As fast as 8 sec color ⁶	Media Sizes Supported	(brochure), 90 to 110 lb (card) 12 x 18; 11 x 17; RA3; A3; 8K: 273 x 394 mm, 270 x 390 mm, 260 x 368 mm; B4 (JIS); Legal; Oficio 216
Print Resolution	Black (best): Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Color (best): Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)		x 340 mm; Oficio 8.5 x 13; C4; SRA4; RA4 - R; Arch A-R; A/4/3; A4 - R; Letter - R; 16K; 197 x 273 mm - R, 195 x 270 mm - R; executive - R; A5 - R; 16K; 184 x 260 mm - R; B5 (JIS) - R; Arch A; Statement; Letter; R44; A4; S x 8; Double Japan Postcard Rotated; 16K: 197 x 273 mm, 195 x 270 mm, 184 x 260 mm;
Print Technology	HP PageWide Technology with pigmented inks		Executive; B5 (JIS); B6 (JIS); 5 x 7; 4 x 6; 10 x 15 cm; A5; Double Japan Postcard Rotated - R; A6; Japanese Postcard; Custom-sized media; Envelopes; Envelope B5; Envelope #10; Japanese Envelope
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)		Chou #3; Japanese Envelope - Flap Open; Envelope C5; Envelope #9; Envelope DL; Envelope Monarch; Envelope C6; Cards; 5 x 8 Index card; Double Japan Postcard Rotated; 4 x 6 Index card; Double Japan
Standard Print languages	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation, native Office, PJL, JPEG, PCLM		Postcard Rotated - R; A6 Index card; Japanese Postcard; Custom-sized media; Photo Media; 5 x 7 Photo
Printer Smart Software Features	HP Mobile Apps, Google Cloud Print v2, HP EasyColor, print preview, automatic two-sided printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, booklet printing, cover pages, tray selection, scaling,	Media Sizes Custom	Media; 4x6 Photo media; 10 x 15 cm; Japanese Postcard Hagaki Photo Cards Tray 1 supports (3.9 to 12 in) x (5.83 to 18 in), Tandem Trays support (8.27 to 11.70 in) x (5.83 to 8.50
	Portrait/Landscape orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation/Maximum dpi print modes, front USB port, copy/scan/fax; Control	Paper Handling	in), Universal Trays support (8.27 to 11.70 in) x (5.83 to 17.00 in) 550-sheet Tandem Input Tray, 100-sheet multi-purpose tray, 500-sheet face-down output bin; Duplex
Deleter Management	Panel Shortcuts; HP UPD PIN printing; HP Color Access Control; Optional: HP and third party extensibility solutions.		Options: Automatic (standard); Auto Document Feeder Capacity. 100 sheets; Envelope Feeder: No (but will feed envelopes through MP Tray); Standard Paper Trays: 3; Input Capacities: Up to 1100 sheets
Printer Management	HP Web Jetadmin; Embedded Web Server; HP UPD Printer Administrator Resource Kit; HP Utility (Mac), HP JetAdvantage Security Manager optional		Tandem Tray; Up to 100 sheets - MP Tray; Output Capacities : Up to 500 sheets; Up to 50 envelopes; None
Scan Type / Technology	Flatbed, ADF / Contact Image Sensor (CIS)	What's in the box	W1B33A HP PageWide Managed P77740dw Multifunction Printer; HP Setup Contract AC Black Contract
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 dpi		Original PageWide Cartridge (~10,000 pages); HP 990 Setup Contract Cyan PageWide Cartridge; HP 990 Setup Contract Yellow PageWide Cartridge; HP 990 Setup Contract Magenta PageWide Cartridge
Scan File Format	Scan File Types supported by included software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.bxt), TIFF (.tif)	Replacement Cartridges	(~8,000 pages); power cord; installation guide M0J73AN HP 990A Cyan Original PageWide Cartridge (~8,000 pages); M0J77AN HP 990A Magenta
Scan Input Modes	Front panel applications: Copy, Scan to E-mail with LDAP e-mail address lookup, Scan to Network Folder, Scan to USB, Scan to Sharepoint, Scan to Computer with SW. Client applications: EWS, HP Scan App, Compatible with HP Capture and Route		Original PageWide Cartridge (~8,000 pages); M0J81AN HP 990A Yellow Original PageWide Cartridge (~8,000 pages); M0J85AN HP 990A Black Original PageWide Cartridge (~10,000 pages); M0J89AN HP 990X Cyan Original PageWide Cartridge (~16,000 pages); M0J93AN HP 990X Magenta Original PageWide Cartridge (~16,000 pages); M0J97AN HP 990X Yellow Original PageWide Cartridge (~16,000
Scan Size	ADF : 11.7 x 17 in Maximum; 4 x 6 in Minimum; Flatbed : 11.7 x 17 in		pages); MOK01AN HP 990X Black Original PageWide Cartridge (~20,000 pages)
Scan Speed	Up to 50 ipm (mono and color), LEF Duplex: Up to 35 ipm (mono and color), LEF	Product Dimensions	W x D x H: 23.5 x 20.9 x 22.5 in; Maximum: 60 x 37.7 x 34.3 in
Scanner Advanced Features	Image adjustments; Output quality setting; Selectable scan resolution 75 to 1200 dpi; Job notification; Scan and save to destinations: network folder, Computer, Sharepoint, USB flash drive, e-mail; OCR	Product Weight Warranty Features	153.22 lb ¹
Bit depth / Grayscale levels	software is included with the printer, OCR is completed at the PC, see software section for more details. 24-bit (color); 8-bit (gray) / 256		Warranty features 90 day parts only warranty, except printhead assy. which has three year extended coverage
Digital Sending Standard Features	Scan-to E-mail with LDAP email address lookup; Scan-to Network Folder; Scan-to USB; Scan-to	Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Silver; China CCC; CECP
	Sharepoint; Scan-to Computer with SW; Fax Archive-to Network Folder; Fax Archive to E-mail; Fax-to Computer; Enable/Disable Fax; Enabel/Disable color Fax, Color Access Control; Native authorization and	Control Panel	4.3" CGD (Color Graphic Display), IR touchscreen for P77740dn&dw series
	authentication; Quick Sets	Display Description	4.3" CGD (Color Graphic Display), IR touchscreen for P77740dn&dw series
Copy Speed ³	Black(ISO): Up to 40 cpm; Color(ISO): Up to 40 cpm; Black(GO): Up to 60 cpm; Color (GO): Up to 60 cpm	Software Included	Windows Installer for discrete PCL 6 driver with Printer Assistant tools and Scan/Fax software; Mac Installer for PS driver with HP Utility and Scan/Fax software; HP Participation Study; OCR software is included with the printer; OCR is completed at the PC, see software section for more details.
Copy Resolution	Black (text and graphics): Up to 600 dpi; Up to 600 dpi; Color (text and graphics): Up to 600 dpi	Compatible Operating Systems	Go to hp.com/search for HP PageWide Managed P77740dw Multifunction Printer for all operating
Maximum Number Of Copies	Up to 999 copies		Systems
Copier Resize	25 to 400%	Compatible Network Operating Systems	Go to hp.com/search for HP PageWide Managed P77740dw Multifunction Printer for all operating
Copier Settings	ID Copy; Resize; Quality; Lighter/Darker; Two-sided copying; Tray Selection; Collate: Binding Marging;; Copy Preview with Crop and rezise; Enhancements; Enable/Disable copy; Enable/Disable copy color; Auto Color Selection; Color Access Control; Native Authorization & Bauthenticatrion; Set as New Defaults	Minimum System Requirements	Systems PC: Windows® 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer. Windows Vista®: 800
Fax Speed	Up to: 33.6 kbps; Letter: 5 Sec per page		MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection,
Fax Resolution	Black (best): 300 x 300 dpi; Color (best): 200 x 200 dpi; Black (standard): 203 x 98 dpi; Color (standard): 200 x 200 dpi		USB port, Microsoft [®] Internet Explorer 8. Windows [®] XP 5P3 or higher (32-bit only): any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8; MAC Apple [®] OS X V10.12 Sierra, OS X
Fax Smart Software Features	Digital Fax - Fax to Computer is available with Windows and Macintosh, visit http://www.hp.com/support to download the latest software.		v10.11 El Capitan, OS X v10.10 Yosemite; minimum 1.2 GB available HD space; Internet required; USB port
Fax Features	Fax Memory: Up to 500 pages (black and white); Auto Fax Reduction Supported: Yes; Auto-Redialing:	Power	Power Supply Type: Internal (Built-in) Universal Power Supply; Power Requirements: Input voltage: 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); Power Consumption: 664 (Maximum), 70 watts (printing),
	Yes; Fax Delayed Sending: Yes; Distinctive Ring Detection Supported: Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: No; Fax Telephone Mode		20.95 watts (ready), 2.00 watts (sleep), 0.17 watts (off) ²
	Supported: Yes; Junk Barrier Supported: Yes, requires Caller ID; Maximum Speed Dialing Numbers: No Limit; PC Interface Supported: Yes, HP Software support provided; Telephone Handset Supported: Yes	Operating Environment	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Non-Operating Humidity Range: 5 to 90% RH; Operating Humidity Range: 20 to 80% RH;
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Ethernet 10/100/1000 Base-T network; 2 RJ-11 modem port/phone line; 802.11 b/g/n - dual band Station; NFC; Bluetooth Smart; WiFi Direct;	Security Management	Recommended Humidity Operating Range: 20 to 80% RH SSL/TLS (HTTPS), LDAP authentication; optional HP and 3rd party authentication solutions (e.g. badge
Network Capabilities	Yes, via built-in Ethernet, wireless 802.11b/g/n - dual band		readers) IPP over TLS; WPA2-Enterprise wired; 802.1x wireless authentication (EAP-TLS, LEAP, and PEAP); Pre-Shared Key Authentication for Wireless (PSK); firewall, certificates configuration; Control
Wireless Capability	Yes, built-in WiFi 802.11b/g/n - dual band		panel lock; Password protect EWS; Unused protocol and service disablement; Syslog; Signed firmware; Administrator settings; native authentication and authorization access control, native color
Mobile Printing Capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps		access control; configurable authentication initia durination and automatication access control, native control access control; configurable authentication time out; UPD PIN printing; Nopy mode via UPD PIN printing; compatible with optional HP JetAdvantage Security Manager
Memory	Standard: 1.5 GB; Maximum: 1.5 GB	Accessories	HP PageWide Managed 550-sheet Paper Tray (P1V16A); HP PageWide Managed 550-sheet Paper Tray
Processor Speed	1.5 GHz / Hard disk: None (printer uses eMMC solid state drive (SSD)). Standard eMMC memory = 16GB, upgradeable to 128GB		and Cabinet (P1V17A); HP PageWide Managed 3x550 sheet Paper Tray and Stand (P1V18A); HP PageWide Managed 4000 sheet High-capacity Paper Tray and Stand (P1V19A); HP HW Integration Pocket Control Panet 4.3"(W1854A); HP 128GB Memory Module (W1849A)
Duty Cycle	Monthly, letter: Up to 150,000 pages ⁷	HP Service and Support Options	U9LM7E - HP 3 year Next Business Day HW Support w/Defective Media Retention for PageWide 77x
Recommended Monthly Page Volume	2500 to 30,000 pages ⁸		MFP Managed; U9LNOE - HP 3 year 4 hour 9x5 Hardware Support w/Defective Media Retention for PageWide 77x MFP Managed; U9LN7PE - HP 1 year Post Warranty NBD HW Support w/Defective Media
Media Types Supported	Plain paper, HP EcoFFICIENT, HP Premium Presentation Matte 120g, HP Brochure Matte 180g, HP Brochure Glossy, HP Advanced Photo Papers, Light 60-74g, Intermediate 85-95g, Mid-Weight 96-110g,		Retention for PageWide 77x MFP Managed; U9LN9PE - HP 1 year Post Wty 4 hour 9x5 HW Support w/Defective Media Retention for PageWide 77x MFP Managed
	Heavy 111-130g, Extra Heavy 131-175g, Cardstock 176-220g, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored, Bond, Recycled, Rough	Learn more at	

hp.com

¹ With ink installed, no media in trays.² Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Power consumption in Sleep modes depends on customer network switch capability, user configuration and network activity.³ Speed specifications have been updated to reflect current industry testing methods. ⁴ Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. ⁵ ISO speeds measured using ISO/ IEC 24734. Excludes first page or first set of ISO test pages. For details see hp.com/go/printerclaims ⁶ No heating or fusing warm up time required ⁷ Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP Laser.let or HP Color Laser.let devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. ⁸ HP recommends that the number of printer gaes per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. ⁹ HP Suscipuley alters you should replace a print carridge and helps you purchase locality or via the Internet. For more information, visit hp.com/learn/suresupply. Only available with original HP supplies; Internet access required. ¹⁰ All HP media listed as compatible with the printer in the HP PageWide Printing Supplies Compatibility Guide, regardless of weight, may be used ¹¹ Normalized TEC (watt hours per page): 0.155 Wh/Page

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HP A3 PageWide Color MFP P77740dw 40PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Fax, Scan (Network Folder, E-Mail and USB), 100 Sheet Document Feeder, Duplex, Exit Tray, 2 Adjustable 550 Sheet Trays & Wireless.

Part #	Description	List Price
W1B33A	P77740dw Wireless Capable	\$8,180.87
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
P1V19A	Cassette - 2 x 2000 Sheets Plus Stand	\$5,240.87



With 5 Trays & Exit Tray

Datasheet

HP PageWide Managed Color MFP P77440dn Printer



HP Managed MFPs and printers are optimized for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.



Affordable color printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low color cost per page.
- Print even faster—and save even more per page—by setting this MFP to General Office mode.³
- Help keep energy costs down with the most efficient MFP in its class.²

Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide MFP designed for less maintenance than laser competitors.4
- Print speeds up to 50% faster than competitors—as fast as 60 ppm in color and black-and-white.^s
- Print Microsoft[®] Word and PowerPoint[®] files with a USB port that quickly recognizes, formats, and prints.⁶
- Equip this HP PageWide MFP with a variety of accessories to meet the needs of your office.

Strong security designed to detect and stop attacks

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Protect information on the MFP and in transit over the network.⁷
- Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Designed with the environment in mind

- Conserve resources with HP PageWide—designed to use less energy than any laser MFP in its class.²
- This MFP meets rigorous standards for ISO class 5 cleanrooms—perfect for sensitive environments.
- Help reduce your impact. Count on easy cartridge recycling at no charge through HP Planet Partners.⁸
- Keep noise to a minimum with an MFP designed to be quiet. Place it near people without disrupting work.









¹ Based on HP review of 2017 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validates oftware integrity in a reboot. For a list of printers, visit hp.com/go/Printers/ThatProtect. For more information: http://hp.com/go/printersecurityclaims.² Energy claim based on TEC data reported on http://energystar.gov as of February 2018. Data normalized to determine energy efficiency of in-class color laser printers and MFPs with print speeds between 20-80 ppm as of February 2018. Subject to device settings. Actual results may vary. ³ Comparison based on printing in Professional mode.⁴ Fewer service parts claim based on HP analysis of leading in-class A3 color laser printers and MFPs as of February 2018; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed (using a 60% black/40% color ratio). Learn more at http://hp.com/ao/pagewideclaims. ⁵ Comparison of HP PageWide A3 devices with leading in-class color ink/laser MFPs (\$3.000–\$11.299 and €2.820-€11.199), and color ink/laser single function printers (\$1,500-\$4,799 and €1,410-€4,599) as of February 2018; market share as reported by IDC as of Q3 2017, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at http://hp.com/go/printerspeeds. ⁶ Feature works with Microsoft® Word and PowerPoint® 2003 and later. Only Latin language fonts are supported. ⁷ Requires separate purchase. For details, see http://hp.com/go/securitymanager.⁸ Program availability varies. For more information, visit http://hp.com/recycle.



HP PageWide Managed Color MFP P77440dn Printer Specifications Table

	Print, copy, scan, fax; / Yes	Paper Handling	550-sheet Tandem Input Tray; 100-sheet multi-purpose tray; 500-sheet face-down output bin; Duple Options: Automatic (standard)
Print Speed	Letter: As fast as 40 ppm black; As fast as 40 ppm color ⁵ First Page Out: As fast as 8 sec black; As fast as 8.3 sec color ⁵		Options: Audomatic Statianard V Manual (driver support provided); Auto Document Feeder Capacity: 100 sheets; Envelope Feeder: No; Standard Paper Trays; 3; Input Capacities: Up to 1100 sheets Tandem Tray; Up to 100 sheets - MP Tra Output Capacities: Up to 500 sheets; Up to 50 envelopes; None
Print Resolution	Black (best): Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Color (best) : Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)	What's in the box	Viptic Capacities: op to 300 sineses, op to 300
Print Technology	HP PageWide Technology with pigmented inks	Replacement Cartridges	HP 992XC Black Contract PageWide Cartridge (~22,000 pages) M0K30XC; HP 992XC Cyan Contract PageWide Cartridge (~16,000 pages) M0K07XC; HP 992XC Magenta Contract PageWide Cartridge
Print Resolution Technologies	HP PageWide Technology up to 1200 x 1200 optimized dpi from 600 x 600 input dpi		(~16,000 pages) MOK11XC; HP 992XC Yellow Contract PageWide Cartridge (~16,000 pages) MOK26X
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Product Dimensions	W x D x H : 23.8 x 23.8 x 26.2 in; Maximum : 50.0 x 40.4 x 37.3 in
Standard Print languages	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation, PJL, JPEG, PCLM	Product Weight	146.9 lb ¹
Printer Smart Software Features	HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmir; HP efnit, Apple ArPrinit", HP Auto-On(Auto-Df technology, HP Color Access Control, HP EasyColor, Front-Facing USB printing, store print jobs, print preview, automatic two-sided printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, booklet printing, cover pages, tray selection, scaling, Portrait/Landscape orientation, Hing Quality Grayscale and Black Mto Roly, General Office/Professional/Presentation dpi	Warranty Features	90 days parts only warranty. Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support to learn about HP award winning service and support options in your region. ENERGY STAR® qualified; EPEAT® Gold
	print modes, Optional: wireless	Control Panel	4.3° CGD (Color Graphic Display), IR touchscreen for P77740dn series
Printer Management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web Jetadmin Software; Printer Administrator Resource Kit for HP Universal Print Driver	Display Description	4.3° CGD (Color Graphic Display), iR touchscreen for P77740dn series
Scan Type / Technology	Flatbed, ADF / Contact Image Sensor (CIS)	Software Included	HP Device Experience (DXP), HP PCL 6 Print Driver, HP Software Installer/Uninstaller, Mac OS Welcome
Scan Resolution	Hardware: Up to 600 ppi; Optical: Up to 600 ppi		Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
ican File Format	Scan File Types supported by included software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich	Fonts and Typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal
Scan Input Modes	Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)		Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfon
scan input modes	Front panel applications: Copy, Scan to E-mail with LDAP e-mail address lookup, Scan to Network Folder, Scan to USB, Scan to Sharepoint. Client applications: EWS, HP Scan App	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,
Scan Size	ADF: 11.7 X 34 in Maximum; 4 x 6 in Minimum; Flatbed: 11.7 X 17 in		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise
Scan Speed	Up to 50 ipm (mono and color), LEF*Duplex: Up to 35 ipm (mono and color), LEF*		(6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.13 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions
Scanner Advanced Features	Optimize text/picture; image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets; Scan and save to destinations: network folder; FTP USB RBah drive, e-mail; see Software section for		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8(8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
	more details.	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release
Bit depth / Grayscale levels	24-bit / 256	Systems	 and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Pl
Digital Sending Standard Features	Scan-to E-mail with LDAP email address lookup; Scan-to Network Folder; Scan-to USB; Scan-to SharePoint, Scan to FTP; Send to LAN Fax; Send to Internet Fax; Color Access Control; Native authorization and authentication; Quick Sets; two-sided copying; scalability; image adjustments (darkness; contrast, background cleanup, sharpness); N-up, N or Z-ordering; content orientation; collation; booklet; ID Scan; job build; edge-to-edge; job storage		Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Clirix XenApp 6.0/6.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Clirix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Clirix XenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Clirix XenDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Clirix XenDesktop 5.6/10.7/5.5 [for Windows Server 2008 R2 5] Terminal Services, 32- and 64-bit], Clirix XenDesktop 5.6/10.7/5.5 [for Windows Server 2008 R2 5]
Copy Speed	3		Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 600 x 600 dpi; Color (text and graphics): Up to 600 x 600 dpi		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nov Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Service), Windows Server 2003/2003 R2 32-bit Server 300
Maximum Number Of Copies	Up to 9999 copies		(SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2
Copier Resize	25 to 400%		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit
Copier Settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, Nor Z-ordering, content orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage		(SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/20 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Serv 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services)
Fax Speed	Up to: 33.6 kbps; Letter: 5 Sec per page	Minimum System Requirements	PC: Windows® 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space,
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Color (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 204 x 98 dpi; Color (standard): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)		CD-ROM/DVD drive or Internet connection, USB port, Microsoff [®] Internet Explorer. Windows Vista [®] 8. MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection USB port, Microsoff [®] Internet Explorer 8. Windows [®] XP SP3 or higher (32-bit only); any Intel [®] Pentium II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive o Internet connection, USB port, Microsoff [®] Internet Explorer 8; MAC Apple [®] OS XV 10.12 Siera, OS X
Fax Smart Software Features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule		v10.11 El Capitan, OS X v10.10 Yosemite; minimum 1.2 GB available HD space; Internet required; USB port
Fax Features	Fax Memory. Up to 500 pages (black and white): Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported No; Fax Forwarding Supported Yes; Fax Phone TM Interface Supported: No; Fax Poling Supported Yes; fool to receive only). Fax Felephone	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 100 to 240 VAC, 50/60 Hz; Power Consumption: 475 watts (printing), 32 watts (ready), 1.4 watts (sleep), 0.2 watt (off) ²
	Mode Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes, HP Software support provided;	Acoustics	Acoustic Power Emissions: 6.6 B(A) (Printing color simplex A4 at 41 ppm)
	Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Operating Environment	
Standard Connectivity Network Capabilities	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network Via HP Jetdirect Ethernet embedded print server (standard) supports: 108ase-T, 1008ase-TX, 10008ase-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard)		Operating Temperature Range: 59 to 86%. Recommended Operating Temperature: 63 to 77%; Storay Temperature Range: Before initial setup (Non-Purged): -40 to 140%; After initial setup (Purged): 32 tu 140%; If istored below the lowest specified operating temperature, unit must showly warm up to an approved operating temperature (HP recommends waiting 24 hours at approved operating
Wireless Capability	Optional, enabled with purchase of a hardware accessory		temperature prior to using the printer).; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH
Mobile Printing Capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps	Security Management	Kerberos authentication, LDAP authentication, 2000 user PIN codes, Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WIA-10 IPsec configuration Plug in
Memory	Standard: 2816 MB – System Total Standard; 1280 MB on Formatter; 1024 MB on the SCB; 512 MB on the ECB; Maximum: 3584 MB – System Total Standard; 2048 MB on Formatter (with 1024 MB DIMM); 1024 MB on the SCB; 512 MB on the ECB		802.1X authentication (EAP-FEAP EAP-TLS), SMMPv3, HTTPS, Certificates, Access Control List, HP Trusted Platform Module (TPM) comes standard; Data: Storage Encryption, Encrypted PDF & Email (uses FIP5 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS),
Processor Speed	1.2 GHz / Hard disk: None (printer uses eMMC solid state drive (SSD)). Standard eMMC memory = 16GB, upgradeable to XXGB		Encrypted Credentials; Device: Security lock slot, USB port disablement, HP Security Management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIBKy; For more security settings for HP JetAdvantage Security
Duty Cycle	Monthly, letter: Up to 150,000 pages ⁷	Accessories	Manager go to http://h10032.www1.hp.com/ctg/Manual/c03602120 HP PageWide Managed 550-sheet Paper Tray P1V16A, HP PageWide Managed 550-sheet Paper Tray
Recommended Monthly Page Volume	2500 to 30,000		and Cabinet P1V17A, HP PageWide Managed 3x550 sheet Paper Tray and Stand P1V18A, HP PageWi
Media Types Supported	Plain paper, HP EcoFFICIENT, HP Premium Presentation Matte 120g, HP Brochure Matte 180g, HP Brochure Glossy, HP Advanced Photo Papers, Light 60-74g, Intermediate 85-95g, Mid-Weight 96-110g, Heavy 111-130g, Extra Heavy 131-175g, Cardiota (176-220g, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored, Bond, Recycled, Rough		Managed 4000 sheet High-capacity Paper Tray and Stand P1V19A, HP 128GB Memory Module W1B49A, HP Internal USB Potrs SL:28A, HP Terreign Interface Harness B5L:1A, HP 1 G8:32 144-pin (800 MHz) DDR3 500IMM ESK48A, HP Jetdirect 2900nw Print Server J8031A, HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP Laser Jet MFP Analog Fax Accessory 500 CC487A, HP Accessibility Assistant ZMU47A
Media Weight Supported	Tray 1: 16-58 lb, 80 lb Photo Paper Only; Trays 2-5: 16-58 lb; HCI Trays 3 & 4: 16-58 lb	HP Service and Support Options	U9VX9E - HP 3 year Next Business Day Onsite; U9VY0E - HP 4 year Next Business Day Onsite; U9VY1
Media Sizes Supported	12 x 18; 11 x 17; RA3; A3; 8K: 273 x 394 mm, 270 x 390 mm, 260 x 368 mm; B4 (JIS); Legal; Oficio 216 x 340 mm; Oficio 8.5 x 13; C4; SRA4; RA4 – R; Arch – R; A/4]; A4 – R, Letter – R; 16K; 197 x 273 mm – R, 195 x 270 mm – R, 59 er, 176; LH48 × 260 mm – R; D5 (JIS) – R Arch – R; Statement; Letter; RA4; A4; 5 x 8; Double Japan Postcard Rotated; 16K: 197 x 273 mm, 195 x 270 mm, 184 x 260 mm; Executive; B5 (JIS); B4 x C10 JS); Double Japan Postcard Rotated; 16K: 197 x 273 mm, 195 x 270 mm, 184 x 260 mm; Executive; B5 (JIS); B4 x C10 JS); D5 x 10 x 15 rm; A5 pc) Duble Japan Postcard Rotated; R46; Japanese Envelope B5; Envelope B5; Envelope B5; Envelope B5; Lenvelope B5; Envelope B5; Davelopa R and Lapanese Develope	Learn more at hp.com	HP 5 year Next Business Day Onsite

¹ With ink installed, no media in trays ² Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Power Consumption and Energy Star TEC values typically based on measurement of 115V device. ³ Speed specifications have been updated to reflect turrent industry testing methods. ⁴ Based on standard TI-11 test image #1 at standard resolution. Wore complicated pages or higher resolution will take longer and use more memory. ⁵ IOS speeds measurement of 115V device. ³ Speed specifications have been updated to reflect turrent industry testing methods. ⁴ Based on standard TI-11 test image #1 at standard resolution. Wore complicated pages or higher resolution will take longer and use more memory. ⁵ IOS speeds measurement of 115V laces into a standard TI-10 test image #1 at standard resolution. While set pages. For details see hp.com/go/printerclaims ⁶ No heating or fusing warm up time required ⁷ Duly cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP Laser let devices, and enables appropriate deployment of printers and MFPs to astify the demands of concerted individuals or groups. ⁶ HP recommends that the number of printer darges per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. ⁹ HP SureSupply alerts you when you should replace a print cartridge and helps you purchase locally or via the Internet. For more information, visit hp.com/learn/suresupply. Only available with original HP supplies; Internet access required. ¹⁰ All HP media listed as compatible with the printer in the HP PageWide Printing Supplies Compatibility Guide, regardless of weight, may be used ¹² Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep de

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HP A3 PageWide Color MFP P77440dn 40PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 100 Sheet Document Feeder, Duplex, Exit Tray and 2 Adjustable 550 Sheet Trays.

Part #	Description	List Price
Y3Z60A	P77440dn	\$10,421.00
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
P1V19A	Cassette - 2 x 2000 Sheets Plus Stand	\$5,240.87
CC487A	Fax	\$348.00



With 5 Trays & Exit Tray

Datasheet

HP PageWide Managed Color MFP P77940dns



HP Managed MFPs and printers are optimized for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.

Print Speed:Letter: Up to 40 ppm black; Up to 40 ppm color; First Page Out: As fast as 7.80 sec black; As fast as 8.02 sec color

Scan Resolution: Hardware: Up to 600 ppi; Optical: Up to 600 ppi

Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket

Paper Handling: 550-sheet Universal Input Tray; 100-sheet multi-purpose tray; 500-sheet face-down output bin Duty Cycle: Monthly, letter: Up to 150,000 pages



Compatible Windows*











Affordable color printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low color cost per page.
- Print even faster—and save even more per page—by setting this printer to General Office mode.³
- Help keep energy costs down with the most efficient MFP in its class.²

Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide MFP designed for less maintenance than laser competitors.⁴
- Print speeds up to 50% faster than competitors—as fast as 60 ppm in color and black-and-white.6
- Print Microsoft[®] Word and PowerPoint[®] files with a USB port that quickly recognizes, formats, and prints.⁶
- Organize, staple, and collate documents with in-line finishing that helps you save time and look professional.

The world's most secure printing¹

- A suite of embedded security features help protect your printer from being an entry point for attacks.
- Protect information on the MFP and in transit over the network.⁷
- Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Designed with the environment in mind

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- This MFP meets rigorous standards for ISO class 5 clean rooms—perfect for sensitive environments.
- Help reduce your impact. Count on easy cartridge recycling at no charge through HP Planet Partners.^a
- Keep noise to a minimum with an MFP designed to be quiet. Place it near people without disrupting work.

¹ Based on HP review of 2017 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://p.com/g/g/PrintersThatProtect. For more information: http://p.com/g/g/PrintersCurity-failers-2 Energy claim based on TEC data reported on http://energystar.gov as of February 2018. Data normalized to determine energy efficiency of in-class color laser printers and MFPs with print speeds between 20-80 ppm as of February 2018. Subject to device settings. Actual results may vary. ³ Comparison based on printing in Professional mode. ⁴ Fewer service parts claim based on TE data reported on http://energystar.gov as of February 2018, actual results may vary. ³ Comparison based on printing in Professional mode. ⁴ Fewer service parts claim based on HP analysis of leading in-class A3 color laser printers and MFPs as of February 2018; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed using a 60% black/40% color ratio). Learn more at http://hp.com/g/g/pagewideclaims. ⁵ Comparison of HP PageWide A3 devices with leading in-class color ink/laser MFPs (\$3,000-\$11,299 and £2,820-€11,199), and color ink/laser single function printers (\$1,500-\$4,799 and £1,410-€4,599) as of February 2018; market share as reported by IDC as of 03 2017, excluding other HP PageWide products. HP PageWide SpeedS based on General Office mode and exclude first page. Learn more at http://hp.com/g/printerspeeds. ⁶ Feature works with Microsoft® Word and PowerPoint⁴ 2003 and later. ONly Latin language fonts are supported. ⁷ Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at http://hp.com/go/printsecurity. ⁸ Program availability varies. For more information, visit http://hp.com/re

HP PageWide Managed Color MFP P77940dns Specifications Table

	-		
Functions / Multitasking Supported	Print, copy, scan, fax (optional) / Yes	Media Sizes Custom	HCI: LTR.; A4
Print Speed	A4: Up to 40 ppm; Letter: Up to 40 ppm black; Up to 40 ppm; Letter: Up to 40 ppm color ⁵ First Page Out: As fast as 8 sec black; As fast as 8.3 sec color ⁶	Paper Handling	550-sheet Universal Input Tray; 100-sheet multi-purpose tray; 500-sheet face-down output bin; Duplex Options: Automatic (standard); Marual (driver support provided); Auto Document Feeder Capacity: O; Envelope Feeder: No; Standard Paper Trays; 2: Input Capacites; Un to 550 sheets Tandern
Print Resolution	Black (best): Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte): Color (best) : Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)		Tray, Up to 100 sheets - MP Tray standard; Up to 10; None transparencies; Up to 1600 + 200 + 40 fo A5 size and larger; Up to 40 for smaller than A5 size; Up to 1600 + 200 + 40 sheets labels; 550 Universal Tray 100 - MP Tray legal ; Output Capacities : Up to 500 sheets standard; Up to 50 ervelope:
Print Technology	HP PageWide Technology with pigmented inks	What's is the hey	None transparencies; Up to 200 cards; Up to 200 sheets labels; Up to 500 sheets legal
Print Resolution Technologies	HP PageWide Technology up to 1200 x 1200 optimized dpi from 600 x 600 input dpi	What's in the box	Y3Z64A HP PW Managed Color MFP P77940dns; HP Setup Ink Cartridges (yield after setup ~16000 pages CMY and ~20000 K); Installation quide, Support flyer; documentation on CD-ROM; Power cord
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Replacement Cartridges	HP 990AC Black Contract PageWide Crtg (US/CA) (20,000) X4D18AC; HP 990AC Cyan Contract PageWid
Standard Print languages Printer Smart Software Features	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation, PJL, JPEG, PCLM HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmin; HP ePrint, Apple	_	Crtg (US/CA) (20,000) X4D09AC; HP 990AC Magenta Contract PageWide Crtg (US/CA) (16,000) X4D12AC; HP 990AC Yellow Contract PageWide Crtg (US/CA) (16,000) X4D15AC
	AirPrint™, HP Auto-On/Auto-Off technology, HP Color Access Control, HP EasyColor, Front-facing USB printing, store print jobs, print preview, automatic two-sided printing, print multiple pages per sheet (2,	Product Dimensions	W x D x H : 23.8 x 25.7 in x 30.4 in; Maximum : 50.0 x 40.4 x 41.5 in
	4, 6, 9, 16), collation, booklet printing, cover pages, tray selection, scaling, Portrait/Landscape orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation dpi	Product Weight	181.5 lb ¹
	print modes, Optional: wireless	Warranty Features	90 day parts only warranty
Printer Management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web Jetadmin Software; Printer Administrator Resource Kit for HP Universal Print Driver	Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Gold
Scan Type / Technology	Flatbed, ADF / Contact Image Sensor (CIS)	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with IR touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware
Scan Resolution	Hardware: Up to 600 ppi; Optical: Up to 600 ppi		Integration Pocket
Scan File Format	Scan File Types supported by included software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich	Display Description	8.0-in (20.3 cm) Color Graphics Display (CGD) with IR touchscreen
Scan Input Modes	Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)	Software Included	HP Device Experience (DXP), HP PCL 6 Print Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software),
Scall liput Houes	Front panel applications: Copy, Scan to E-mail with LDAP e-mail address lookup, Scan to Network Folder, Scan to USB, Scan to Sharepoint. Client applications: EWS, HP Scan App,		Online user manuals
Scan Size	ADF : 11.7 x 34 in Maximum; 4 x 6 in Minimum; Flatbed : 11.7 x 17 in	Fonts and Typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal
Scan Speed	Up to 50 ipm (mono and color), LEF*Duplex: Up to 35 ipm (mono and color), LEF*		Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP Laser Jet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts
Scanner Advanced Features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets; Scan and save to destinations: network folder, FTP, Sharepoint, USB flash drive, e-mail; see software section for more details.	Compatible Operating Systems	Thermony Carlos, PP Cases der Polits and PPOS enhancion available at http://www.njc.com/gor/ase/jectoris/ Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (171, 171, 172, 173, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS mac05 10.12 Sitera, 05.5 11.01 VOsemite (OS 11.01 LIC Capitan, UNIX, Windows 10 all 32.6 8.64-bit editions
Bit Depth / Grayscale levels	24-bit / 256		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit
Digital Sending Standard Features	Scan-to E-mail with LDAP email address lookup; Scan-to Network Folder; Scan-to USB; Scan-to Sharepoint, Scan to FTP-Send to LAN Fax; Send to Internet Fax; Color Access Control; Native authorization and authentrication; Quick Sets; two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup; sharpness); N-up, N or Z-ordering; content orientation; collation; bookle1; ID Scar; job build; edect-to-decg iob storage;	Compatible Network Operating Systems	editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.) Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server [Feature Release 1, 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2
Copy Speed			SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5
Copy Resolution	Color (A4): ³ Black (text and graphics): Up to 600 × 600 dpi; Up to 600 × 600 dpi; Color (text and graphics): Up to 600 × 600 dpi × 600 dpi		[for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], (Itrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], (Itrix XenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], (Itrix XenDesktop 5.6 [for Windows Server 2008
Maximum Number Of Copies	Up to 9999 copies		R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2
Copier Resize	25 to 400%		Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint
Copier Settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novel Servers www.novell.com/nprint), Windows Server 2003/2003 R2 32-/64 htt (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 S2-64-bit (SP1)
Fax Speed	Up to : 33.6 kbps		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Color (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 204 x 98 dpi; Color (standard): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)		(SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essential/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Smart Software Features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule	Minimum System Requirements	PC: Windows® 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection,
Fax Features	Fax Memory: Up to 500 pages (black and white); Auto Fax Reduction Supported. Yes; Auto-Redialing Yes; Rax Delayed Sending No; Distinctive Ring Detection Supported. No; Rax Forwarding Supported. Yes; Fax Phone TAN Interface Supported: No; Rax Polling Supported Yes; Kolati In creative only); Fax Felephone Mode Supported: No; Junk Barrier Supported. Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported Yes; All Software Support provided;	_	USB port, Microsoffe Internet Explorer & Windows [®] XP SP3 or higher (32-bit only); any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoff [®] Internet Explorer 8; NAC Apple [®] OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite; minimum 1.2 GB available HD space; Internet required; USB port
Standard Connectivity	Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 100 to 240 VAC, 50/60 Hz; Power Consumption: 475 watts (printing), 32 watts (ready), 1.4 watts (sleep), 0.2 watts (off) ²
Network Capabilities	Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx ,	Acoustics	Acoustic Power Emissions: 7 B(A) (Print color simplex A4 at 41 ppm)
Wirelass Conshility	1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard)	Operating Environment	Operating Temperature Range: 15 to 30°C; Recommended Operating Temperature: 17 to 25°C; Storage
Wireless Capability Mobile Printing Capability	Optional, enabled with purchase of a hardware accessory		Temperature Range: Before initial setup (Non-Purged): -40 to 60°C; After initial setup (Purged): 0 to 60°C. If stored below the lowest specified operating temperature, unit must slowly warm up to an
Memory	HP ePrint, Apple AirPrint™, Google Cloud Print Standard: 2816 MB - System Total Standard; 1280 MB on Formatter; 1024 MB on the SCB; 512 MB on the ICE: Management 2626 MB - System Total Standard; 2048 MB on Formatter; 1024 MB on IbMO:		approved operating temperature (HP recommends waiting 24 hours at approved operating temperature prior to using the printer); Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH
Processor Speed	the ECB; Maximum: 3584 MB – System Total Standard; 2048 MB on Formatter (with 1024 MB DIMM); 1024 MB on the SCB; 512 MB on the ECB	Security Management	Kerberos authentication, LDAP authentication, 2000 user PIN codes, Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IPsec configuration Plug in
Duty Cycle	1.2GHz		802.1X authentication (EAP-PEAP, EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List, HP
Recommended Monthly Page Volume	Monthly, letter: Up to 150,000 pages ⁷		Trusted Platform Module (TPM) comes standard; Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS),
	2500 to 30,000 ⁸		Encrypted Credentials; Device: Security lock slot, USB port disablement, HP Security Management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and
Media Types Supported	Plain paper, HP EcoFFICIENT, HP Premium Presentation Matte 120g, HP Brochure Matte 180g, HP Brochure Glossy, HP Advanced Photo Papers, Light 60-74g, Intermediate 85-95g, Mid-Weight 96-110g, Heavy 111-130g, Extra Heavy 131-175g, Cardstock 176-220g, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored, Bond, Recycled, Rough	Accessories	accessible in ArcSight and Splunk SEMs; For more security settings for HP JetAdvantage Security Manager go to http://h10032.www1.hp.com/ctg/Manual/ HP PageWide Managed 550-sheet Paper Tray (P1V16A). HP PageWide Managed 550-sheet Paper Tray
Media Weight Supported	Tray 1: 60-220 gsm, 300 gsm Photo Paper Only; Trays 2-5: 60-220 gsm; HCl trays 3 & 4: 60-220 gsm		and Cabinet (P1V17A), HP PageWide Managed 3x550 sheet Paper Tray and Stand (P1V18A), HP PageWide Managed 4000 sheet High-capacity Paper Tray and Stand (P1V19A), HP 128GB Memory
Media Sizes Supported	12 x 18; 11 x 17; RA3; A3; 8K: 273 x 394 mm, 270 x 390 mm, 260 x 368 mm; 84 (JIS); Legal; Oficio 216 x 340 mm; Oficio 8.5 x 13; C4; SRA4; RA4 – R; Arch A-R; A4/3; A4 – R; Letter – R; 16K; 197 x 273 mm – R, 195 x 270 mm – R; executive – R; A5 – R; 16K: 164 x 260 mm – R; B5 (JIS) – R, Arch A; Statement; Letter; A4; A4; 5 × B0, Double Japan Postcard Rotated; 16K: 119 x 273 mm, 195 x 270 mm, 184 x 260 mm;		Module (W1B49Å), HP Internal USB Ports (BSL28Å), HP Foreign Interface Harness (BSL31A), HP 1 GB x32 144-pin (B00 MHz) DDR3 SODIMM (ESK48Å), HP Jetdirect 2900nw Print Server (B8031A), HP Jetdirect 2000w NFC/Wireless Accessory (J8030A), HP LaserJet MFP Analog Fax Accessory 500 (CC487A)
	Executive; BS (JIS); B6 (JIS); 5 x 7; 4 x 6; 10 x 15 cm; A5; Double Japan Postcard Rotated - R; A6; Japanese Postcard; Custom-sized media; Envelope; Envelope B5; Envelope #10; Japanese Envelope Chou #3; Japanese Envelope - Flap Open; Envelope C5; Envelope B4; Envelope B4; Envelope Monarch;	HP Service and Support Options	U9VX9E - HP 3 year Next Business Day Onsite; U9VY0E - HP 4 year Next Business Day Onsite; U9VY1E - HP 5 year Next Business Day Onsite
	Lnou #3; Japanese Envelope - Hap Upen; Envelope LS; Envelope #3; Envelope Monarch; Envelope EG; Cards, S x 8 Index card; Double Japan Postcard Rotated: 4 x 6 Index card; Double Japan Postcard Rotated - R; A6 Index card; Japanese Postcard; Custom-sized media; Photo Media; 5 x 7 Photo Media; 4 x 6 Photo media; 10 x 15 cm; Japanese Postcard Hagaki Photo Cards	Learn more at hp.com	

¹ With ink installed, no media in trays ² Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Power Consumption and Energy Star TEC values typically based on measurement of 115V device. ³ Speed specifications have been updated to reflect current industry testing methods.⁴ Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. ⁵ ISO speeds measurement using ISOHC 24734. Excludes first age of ISO test pages. For details exe hy.com/gol/printerclaims⁶ No heating or fusing warm up time required.⁹ Duty cycle is defined as the maximum number of pages per month for instaget #1 at shaded resolution. More complicated pages or trous to the run of the resolution to other HP Laser Jet or HP Color Laser Jet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. ⁸ HP recommends that the number of printed pages per month to evilta in the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. ⁹ HP SureSupply alerts you when you should replace a print cartridge and helps you purchase locally or via the Internet. For more information, visit hp.com/learn/suresupply. Only available with original HP supplies; Internet access required.¹⁰ All HP media listed as compatible within the printer in the HP PageWide Printing Supplies Compatibiles (Life, regardless of weight, may be used ¹² Based on the BA TEC method with the following possible exceptions: 1 minute or less step delay setting, Wi-Fi disabled. ¹³ Normalized TEC (wart hows per page) BA: 0.388 Wh/page. E5: 0.388 Wh/page

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HP A3 PageWide Color MFP P77940dns 40PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 100 Sheet Document Feeder, Duplex, Staple Finisher and 1 Adjustable 550 Sheet Tray.

Part #	Description	List Price
Y3Z64A	Managed Color MFP P77940dns	\$14,085.00
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
P1V19A	Cassette - 2 x 2000 Sheets Plus Stand	\$5,240.87
CC487A	Fax	\$348.00



HP PageWide Managed Color MFP E77650dns

HP Managed MFPs and printers are optimised for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.







Affordable colour printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low cost per colour page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.²
- Print even faster—and save even more per page—by setting this printer to General Office mode.³
- Help keep energy costs down with the most efficient printer in its class.⁴



Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide Managed MFP designed for the least maintenance in its class.⁵
- Print speeds up to 50% faster than competitors—as fast as 70 ppm in colour and black-and-white.⁶
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.⁷



The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Protect information on the MFP and in transit over the network, and store data on the encrypted hard disk.⁸
- Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

v The image shown above is with a 5 tray stand accessory and may vary based on the choice of accessory ordered by customer

- HP 982A series Original PageWide Cartridges. Learn more at <u>hp.com/go/learnaboutsupplies</u>

- reported by IDC as of Q4 2016, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at hp.com/go/printerspeeds Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com
- Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity

Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <u>hp.com/go/PrintersThatProtect</u>. For more information: <u>hp.com/go/printersecurityclaims</u> High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with

Comparison based on printing in Professional Mode. Energy claim based on TEC data reported on energystar.gov as of March 2017. Data normalized to determine energy efficiency of in-class A3 colour laser printers (\$1500-\$2999) and MFPs (\$3000-\$7499) as of February 2017, excluding other HP PageWide products. Subject to device settings. Actual results may vary. Fewer service parts claim based on BLI analysis of leading in-class A3 MFPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and

assume 600,000 pages printed (using a 60% black/40% colour ratio). Learn more at hp.com/go/pagewideclaims

Comparison of HP PageWide A3 devices with the majority of in-class colour ink/laser MFPs (\$3000-\$7499), and colour ink/laser single function printers (\$1500-\$2999) as of April 2017; market share as

Technical specifications

Print	Print, copy, scan, fax (optional)
Duplex print options	Automatic (standard)
Technology	HP PageWide Technology
Speed ¹	Black: Up to 70 ppm (General office mode, A4); Up to 50 ppm (Professional mode, A4); Colour: Up to 70 ppm (General Office mode, A4), Up to 50 ppm (Professional mode, A4); Duplex printing: Black/Colour (Professional mode): Up to 35 ppm
First page out ²	Black (A4, ready): As fast as 7.1 seconds; Colour (A4, ready): As fast as 7.1 seconds
Resolution	Black (best): Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HI Brochure Matte); Colour (best): Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)
Languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7
HP ePrint capability	Yes
Print cartridges	4 (1 each black, cyan, magenta, yellow)
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver
Printer smart software features	HP SureStart; Run-time Intrusion detection; Whitelisting; HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmin; Open Extensibility Platform, FutureSmart Firmware, HP ePrint, Apple AirPrint™, HP Auto-On/Auto-Off technology, HP Color Access Control, HP EasyColor, Front-facing USB printing, store print jobs, HP EasyColor, print preview, automatic two-sided printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, booklet printing, cover pages, tray selection, scaling, Portrait/Landscape orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation dpi print modes, Optional: HP and third party
Scan	extensibility solutions; wireless
Туре	Flatbed, ADF
Technology	Charge Coupled Device (CCD) & Contact Image Sensor (CIS)
Speed	Single-sided (A4): Up to 90 ipm (black and colour); Two-sided (A4): Up to 180 ipm (black and colour)
Bit depth Resolution	24-bit Hardware: Up to 600 ppi; Optical: Up to 600 dpi; Enhanced: Up to 600 ppi
Max scanning size	Flatbed: 297 x 432 mm; ADF: 297 x 432 mm; Up to 297 x 864 mm when "long scan size" selected
Grayscale levels	256
Input modes	Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform
PH 6 1	(0XP) applications
File format	Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)
Digital sending standard features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF
Сору	
Speed ³	Black: Up to 70 cpm (General office mode, A4); Up to 50 cpm (Professional mode, A4);
First copy out ³	Colour: Up to 70 cpm (General office mode, A4); Up to 50 cpm (Professional mode, A4) Black (letter): As fast as 9.0 seconds; Colour (letter): As fast as 9.0 seconds
Resolution	Black (text and Graphics): Up to 600 x 600 dpi; Colour (text and graphics): Up to 600 x 600 dpi
Max copies	Up to 9,999 copies
Copier reduce/enlarge	25 to 400%
Copier settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content
Copier smart software features	orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto colour detection; Two-sided copying; Image
- /	adjustments (darkness, background cleanup, sharpness); Job build
Fax (Optional) Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Colour (fine): Up to 300 x 300 dpi (400 x 400 dpi for received
Transmission speed ⁴	faxes only) Up to 33.6 kbps; 3 sec per page
Fax features	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes (poll to receive only); Auto fax reduction supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No
Display	20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD)
Duty cycle (monthly, A4) ⁵ Recommended monthly	Up to 200,000 pages 2,500 to 50,000 pages
page volume ⁶	
Media	
Custom sizes Recommended Weights	Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only 60 to 220 g/m ² , 300 g/m ² Photo Paper Only
Types	Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards
Paper handling	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HCI (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapler stacker
Processor speed	1.2 GHz
Operating system compatibility	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Vaburtu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 71 all 32- & 64-bit editions (windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 71 all 32- & 64-bit editions.
	Android, Linux Bess (50), Linux Debian (70, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 5.8, 6.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17, 1, 7.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Wuhut (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 84-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 84-bit editions, Windows 8(3, 1 all 32- & 84-bit editions (excluding RT OS for Tablets), Formium, Professional, etc.), Windows 7 all 32- & 84-bit editions, Windows 8(3, 1 all 32-), editions (Home, XP Pro, etc.) PC Windows [®] 10, 8.1, 8, 7:1 GHz 32-bit or 64-bit editions (Windows Ya 32-bit editions (Excluding RT OS for Tablets), Windows Yista [®] : 800 MHz processor 2 GB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows YD SP3 or higher (32-bit odi), any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-R0M/DVD drive or internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows YD SP3 or higher (32-bit on), Se yn Linux SP (34, 10), any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-R0M/DVD drive or internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows YD SP3 or higher (32-bit on), Se yn L01.0 Yosemite, minium 13.6 B
Minimum system requirements	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Rel Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Vbuntu (12.04, 14.04, 15.10), C5 macro S1 0.12 Siera, OS X 10.10 Vosemite, OS X 10.11 Vosemite, OS X 10.10 Vosemite, OS X 10.11 Vosemite, OS X 10.10 Vosemite, OS X 10.11 Vosemite, OS X 10.10 Vosemite, OS X 10.11 Vosemite, OS X 10.10 Vosemite, OS X 10.11 Vosemite, OS X 10.
Minimum system requirements	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Vbuntu (12.04, 14.04, 15.10), C5 macro 50 1.0.1 2 sirer, 05 X 10.1 0 vosemite, 05 X 10.1 11 E Capitan, UNIX, Windows 10 all 3.2 & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8(8.1 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 8, 71, 64:2, 32-bit of 64-bit processor, 26 Bavailable hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows Vista [®] , 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8, Windows 7, 60:8, 00:4,
Minimum system requirements Connectivity	Android, Linux Bess (50), Linux Debian (70, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 5.8, 6.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17, 1, 7.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Wuhut (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 84-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 84-bit editions, Windows 8(3, 1 all 32-), 864-bit editions (excluding RT OS for Tablets), Formium, Professional, etc.), Windows 7 all 32- & 84-bit editions, Windows 8(3, 1 all 32-), 864-bit editions (Home, XP Pro, etc.). PC Windows 91 0, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows 7 PS 92 or higher (32-bit odi), any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz connectible part (SX v10.12 Yosemite, DS X 10.12 Yosemite, Thermet Explorer 8. Windows 7 PS 92 or higher (32-bit on), USB port, Microsoft [®] Internet Explorer 8. Windows 7 PS 92 or higher (32-bit on), Sentit, minimum 1.3 GB
Minimum system requirements Connectivity Connectivity (Standard)	Android, Linux Bess (50), Linux Debian (70, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17, 1, 7.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Uburu (12.04, 14.04, 15.10, 16.10, 05 macO5 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 H E Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8(3, 1 all 32-a) editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8(3, 1 all 32-a) editions (Home Basic, Premium, Professional, etc.), Windows 7 all 32-bit editions (SW Indows 7 all 32-bit editions (Windows 7 all 32-bit editions), Windows 92 all 32-bit editions (Home, XP Pro, etc.) PC Windows 7 all 3.8, r.1 GHz 32-bit or 64-bit editions, Windows 92 all 32-bit editions (Home, XP Pro, etc.) PC Windows 7 all 3.8, r.1 GHz 32-bit or 64-bit editions (Windows 7 all 32-bit editions), USB port, Microsoft® Internet Explorer (Kincsoft® Internet Explorer 8). Windows 7 P SP3 or higher (32-bit only), any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows 7 P SP3 or higher (32-bit only). any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows 7 P SP3 or higher (32-bit only). any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Sindows 7 P SP3 or higher (32-bit only). any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Sindows 7 P SP3 or higher (32-bit only). any Intel® Pentium® II, Celeron® or 23
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Kubnitu (12.04, 14.04, 15.10, 16.10, OS maccio 51.0.1 2 Siera, OS X 10.1 0'sosenite, OS X 11.0 1'sosenite, IS X 11.0 I'Sosenite, Ros
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mmt (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (5.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Xbottu (12.04, 14.04, 15.10
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capability Supported network protocols	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Vbuntu (12.04, 14.04, 15.10), C5 macro S1 0.1.2 Sierra, OS X 10.1 0 Sovernite, OS X 10.1 11 E Capitan, UNIX, Windows 10 all 3.2 & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-& 864-bit editions, Windows 8(8.1 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-& 864-bit editions, Windows 8(8.1 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-& 864-bit editions, Windows 8(8.1 all 32-8, 64-bit editions (CP Home, XP Pro, etc.) PC: Windows [®] 10, 8.1, 8, 7: 1 GHz 32-bit of 64-bit processor, 2 GB available hard disk space, CD-R0M/DVD drive or Internet Explorer, Windows Vista [®] , 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows [®] XP SP3 or higher (32-bit only): any Intel [®] Pentium [®] (1, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows [®] XP SP3 or higher (32-bit only): any Intel [®] Pentium [®] (1, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Wac Apple [®] OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port 102 Sierra, 05 X v10.11 El Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port 102 Sierra, 05 X v10.10 (100/1000T network; 1 Hardware Integration Pocket Optional, enabled with purchase of HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AiPrint [®] , Google Cloud Print Wia HP letdirect Ethernet embedded print server (standard
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mont (17, 17.1, 17.2, 17.3, 18), Linux Rel Hat Enterprise (5.0, 7.0), Linux KUSE (13.2, 4.21), Linux Wolmtu (12.04, 14.04), 15.10, 15.0, 16.10, 05 macchi (25, 10.2, 12.1), 11.11 E Capitan, UNIX, Windows 10 all 3.22 & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 3.2 & 86 4-bit editions, Windows 8/8.1 all 3.22 & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 3.2 & 86 4-bit editions, Windows 8/8.1 all 3.22 & 64-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 3.2 & 64-bit editions (Periodic V), Windows 7 all 3.2 & 64-bit editions (Windows 8/8.1 all 3.2) & 64-bit editions (Home, XP Pro, etc.) PC : Windows ⁵¹ 0.8, 8, 7:1 GHz 32-bit of 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer (Windows Wista [®] , 800 MHz processor (3.2-bit only). 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer (Windows Y NS 29 aritigher (3.2-bit only), any Intel [®] Pentium [®] II, Gleron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer (S. Windows Y NS 29 aritigher (3.2-bit only)), any Intel [®] Pentium [®] II, Gleron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer (S. Wardows Y NS 20 aritigher (3.2-bit only)), any Intel [®] Pentium [®] II, Gleron [®] or 233 MHz compatible gov (5.4 V 0.1 2.1 Sierra, OS X v10.11 El Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port (S. V 10.12 Sierra, OS X v10.11 GUPC), HUT, HUT, HUT, HUT, HUT, HUT, HUT, HUT
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mont (17, 17.1, 17.2, 17.3, 18), Linux Rel Hat Enterprise (5.0, 7.0), Linux KUSE (13.2, 4.21), Linux Wohntu (12.04, 14.04), 15.10, 16.10, CS maccion (55.10.12) Eirar, OS X 10.10 Vosemite, OS X 11.01 Vosemite, (5.1, 11.11 E Capitan, UNIX, Windows 10 all 3.22 & 64-bit editions (windows 8/8.1 all 3.22. & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 3.2 & 64-bit editions, Windows 8/8.1 all 3.22. & 64-bit editions (Horne Basic, Premium, Professional, etc.), Windows X9.23 and 23-bit editions (excluding RT 05 for Tablets), Windows Vista ²⁸ , 800 MHz processor (3.2-bit only). 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft ⁸ Internet Explorer, Windows Wista ⁹ , 800 MHz processor (3.2-bit only). 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft ⁸ Internet Explorer, Windows K V S12 or 10, 19 (Jeron ⁸ or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft ⁸ Internet Explorer, S Microby K V V 10, 12 (Signat), Kicrosoft ⁸ Internet Explorer, S Microby K V V 10, 10 (Vosemite, minimum 1.3 GB available HD space; Internet required; USB port (Signat), Kicrosoft ⁸ Internet Explorer, S Microby K V 10, 10 (Vosemite, minimum 1.3 GB available HD space; Internet required; USB port (Signat), Kicrosoft ⁸ Internet Explorer, S (Linux H), Kicrosoft ⁸ Internet Explorer, S (Linux B Cost), Kicrosoft ⁸ Internet Explorer, S (Linux B Cost), Kicrosoft ⁸ Internet Explorer, S (Linux B Cost), Kicrosoft ⁸ Internet, Pieronet, S (Linux B Cost), Kicrosoft ⁸ Internet, S (
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Vibuntu (12.04, 14.04, 15.10, 65, 16.10, 05, maccion (50, 10.12) Eirar, 05 K10.10 Yosmatile, (50, 7.0), Linux KUSE (13.2, 4.2.1), Linux Vibuntu (12.04, 14.04, 15.10, 05, maccion (50, 10.12) Eirar, 05 K10.10 Yosmatile, (50, 7.0), Linux KUSE (13.2, 4.2.1), Linux Vibuntu (12.04, 14.04, 15.10, 05, maccion (51.0.12) Eirar, 05 K10.10 Yosmatile, (50, 7.0), Linux KUSE (13.2, 4.2.1), Linux Vibuntu (12.04, 14.04, 15.10, 05, maccion (51.0.12) Eirar, 05 K10.10 Yosmatile, (51.0.11) El Capitan, UNIX, Windows 10 13.2- & 64-bit editions (kindows 7 all 32-bit editions (kindows 7 all 32-bit editions (Home, XP Pro, etc.)) PC: Windows* 10, 8.1, 8, 7.1 GHz 32-bit of 64-bit processor, 2.6 Bavailable hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoff ⁶ Internet Explorer (Windows Vista ⁶) 800 MHz processor (32-bit only), 2.6 Bavailable hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoff ⁶ Internet Explorer (Windows Vista ⁶) 800 MHz processor (32-bit only), 2.0 Bavailable hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoff ⁶ Internet Explorer (S. Macci Apple ⁶) 05 v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite, minimum 1.3 GB available HD space, Internet required; USB port (S. V10.12) Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite, minimum 1.3 GB available HD space, Internet required; USB port (S. V10.12) 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket Optional, enabled with purchase of HP Jetdirect 3000w NFC/Wireless Accessory HP erbint, Apple Air/Pint*, Google Cloud Print Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 1000Base-T, 1000Base-T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mmt (17, 17.1, 17.2, 17.3, 18), Linux Rel Hat Enterprise (5.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Wontu (12.04, 14.04, 15.10, 15.10, 16.10, 05 macchi (5.10, 25), error, 05 X 10.10 Yosemite, 05 X 11.01 Yosemite, 10 Yosemite, 05 X 11.01
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W × D × H) Weight Environmental Operating environment Acoustics	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Kubantu (12.04, 14.04, 15.10), C5 macol 50.12.5 [error, OS X 10.10 Yossemite, OS X 10.00 Yossemite, OS X 10.00 Yossemite, OS X 10.00 Yossemite, OS X 10.10 Yossemite, Microsoft [®] Internet Explorer, Windows VIS 29, OX 10.10 Yossemite, Microsoft [®] Internet Explorer, B Mac: Apple [®] OS X 10.10 Yossemite, OS X 10.10 Yossemite, Microsoft [®] Internet Explorer, B Mac: Apple [®] OS X 10.10 Yossemite, OS X 10.10 Yossemite, Microsoft [®] Internet Explorer, B Mac: Apple [®] OS X 10.12 Yos 10.10 Yossemite, Microsoft [®] Internet Explorer, B Mac: Apple [®] OS X 10.10 Yossemite, 11, 400000 Thetwork; 1 Hardware Integration Pocket Optional, enabled with purchase of HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint [™] , Google Cloud Print Via HP Jetdirect Ethernet embedded print Server (Standard) Supports: 10Base-T, 100Base-Tx, 1000Base-Tx, 802.3az (EEE) Support on Fast Ethernet enter etheolded print Server (Standard) IPv4/IPv6: Apple Bonjour Compatible (Mac: 0S V10.24 or higher), SMMPU/Azdv3, HTTP HTTPS, FTP TFP Prot 9100, LP0, WS Discovery, IPP, Seccure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4:
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics Power specifications	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Khontu (12.04, 14.04, 15.10), CS macol 50.12.5 zers, 05 X10.10 Yossemite, 05 X10.11 Vers, VIII. El Capitan, UNIX, Windows 10 all 3.2 & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 3.2- & 64-bit editions, Windows 8/8.1 all 3.2- & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 3.2- & 64-bit editions, Windows 8/8.1 all 3.2- & 64-bit editions (PF), etc.) PC: Windows* 10, 8.1, 8, 7: 1 GHz 32-bit of 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoff® Internet Explorer (Windows VIS#® * 800 MHz processor (3.2-bit only), 2 GB available hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoff® Internet Explorer (Windows VIS 10.2 Server, 05.2 Vol.10.1 El Capitan, 05.X v10.10 Yosemite, minimum 1.3 GB available HD space, Internet explorer (% Mac: Apple® 05.X v10.12 Sierra, 05.X v10.11 El Capitan, 05.X v10.10 Yosemite, minimum 1.3 GB available HD space, Internet exquired; USB port (Microsoff® Internet Explorer (Standard) supports: 10Base-T, 1000Base-T, 1000Base-T, 802.3az (EEE) support on fast Ethernet and Gigabit Ethernet (Standard) supports: 10Base-T, 1000Base-T, 802.3az (EEE) support on fast Ethernet and Gigabit Ethernet (PA: 05.0 NLOVI, ICM/VG, Winter, 80.0 NPV)/VZ/VA, HTTP HTTP, FTP, TTP, 100.0 LPD, WS Discovery, IPP, Secure-IPP, IPsec/Fixewalt; IPv6; DHCPv6, MLDV1, ICM/VG, SMIPV1/VZ/VA, HTTP HTTP, STP, TTP, POPT 100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Fixewalt; IPv6; DHCPv6, MLDV1, ICM/VG; IPV4; Auto-IP; SLP, Telnet, IGM/VA, BOOTP/DHCP, WINS, IP Direct Mode, WS Print 100 server, IPP, IPsec/Fixewalt; IPv6; DHCPv6, MLDV1, ICM/VG; IPV4; Auto-IP; SLP, Telnet, ICM/VA, BOOTP/DHCP, WINS, IP Direct Mode, WS Print 10 Server, IPP, IPsec/Fixewalt; IPv6; DHC
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Rel Hat Enterprise (5.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux XIbuntu (12.04, 14.04, 15.10, 15.1
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HP A3 PageWide Color MFP E77650dn 50PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 200 Sheet Document Feeder, Duplex, Exit Tray and 1 Adjustable 550 Sheet Tray.

Part #	Description	List Price
2CF56A	Base Engine for E77650dn	\$15,253.00
2GP04A	Speed Option for E77650dn	\$1.00
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
P1V19A	Cassette - 2 x 2000 Sheets Plus Stand	\$5,240.87
CC487A	Fax	\$348.00



HP PageWide Managed Color MFP E77650dns

HP Managed MFPs and printers are optimised for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.







Affordable colour printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low cost per colour page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.²
- Print even faster—and save even more per page—by setting this printer to General Office mode.³
- Help keep energy costs down with the most efficient printer in its class.⁴



Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide Managed MFP designed for the least maintenance in its class.⁵
- Print speeds up to 50% faster than competitors—as fast as 70 ppm in colour and black-and-white.⁶
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.⁷



The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Protect information on the MFP and in transit over the network, and store data on the encrypted hard disk.⁸
- Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

v The image shown above is with a 5 tray stand accessory and may vary based on the choice of accessory ordered by customer

- HP 982A series Original PageWide Cartridges. Learn more at <u>hp.com/go/learnaboutsupplies</u>

- reported by IDC as of Q4 2016, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at hp.com/go/printerspeeds Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com
- Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity

Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <u>hp.com/go/PrintersThatProtect</u>. For more information: <u>hp.com/go/printersecurityclaims</u> High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with

Comparison based on printing in Professional Mode. Energy claim based on TEC data reported on energystar.gov as of March 2017. Data normalized to determine energy efficiency of in-class A3 colour laser printers (\$1500-\$2999) and MFPs (\$3000-\$7499) as of February 2017, excluding other HP PageWide products. Subject to device settings. Actual results may vary. Fewer service parts claim based on BLI analysis of leading in-class A3 MFPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and

assume 600,000 pages printed (using a 60% black/40% colour ratio). Learn more at hp.com/go/pagewideclaims

Comparison of HP PageWide A3 devices with the majority of in-class colour ink/laser MFPs (\$3000-\$7499), and colour ink/laser single function printers (\$1500-\$2999) as of April 2017; market share as

Technical specifications

Print	Print, copy, scan, fax (optional)
Duplex print options	Automatic (standard)
Technology	HP PageWide Technology
Speed ¹	Black: Up to 70 ppm (General office mode, A4); Up to 50 ppm (Professional mode, A4); Colour: Up to 70 ppm (General Office mode, A4), Up to 50 ppm (Professional mode, A4); Duplex printing: Black/Colour (Professional mode): Up to 35 ppm
First page out ²	Black (A4, ready): As fast as 7.1 seconds; Colour (A4, ready): As fast as 7.1 seconds
Resolution	Black (best): Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HI Brochure Matte); Colour (best): Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)
Languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7
HP ePrint capability	Yes
Print cartridges	4 (1 each black, cyan, magenta, yellow)
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver
Printer smart software features	HP SureStart; Run-time Intrusion detection; Whitelisting; HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmin; Open Extensibility Platform, FutureSmart Firmware, HP ePrint, Apple AirPrint™, HP Auto-On/Auto-Off technology, HP Color Access Control, HP EasyColor, Front-facing USB printing, store print jobs, HP EasyColor, print preview, automatic two-sided printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, booklet printing, cover pages, tray selection, scaling, Portrait/Landscape orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation dpi print modes, Optional: HP and third party
Scan	extensibility solutions; wireless
Туре	Flatbed, ADF
Technology	Charge Coupled Device (CCD) & Contact Image Sensor (CIS)
Speed	Single-sided (A4): Up to 90 ipm (black and colour); Two-sided (A4): Up to 180 ipm (black and colour)
Bit depth Resolution	24-bit Hardware: Up to 600 ppi; Optical: Up to 600 dpi; Enhanced: Up to 600 ppi
Max scanning size	Flatbed: 297 x 432 mm; ADF: 297 x 432 mm; Up to 297 x 864 mm when "long scan size" selected
Grayscale levels	256
Input modes	Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform
P-1 C 1	(0XP) applications
File format	Scan File Type supported by Software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.rtf), Searchable PDF (.pdf), Text (.txt), TIFF (.tif)
Digital sending standard features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF
Сору	
Speed ³	Black: Up to 70 cpm (General office mode, A4); Up to 50 cpm (Professional mode, A4);
First copy out ³	Colour: Up to 70 cpm (General office mode, A4); Up to 50 cpm (Professional mode, A4) Black (letter): As fast as 9.0 seconds; Colour (letter): As fast as 9.0 seconds
Resolution	Black (text and Graphics): Up to 600 x 600 dpi; Colour (text and graphics): Up to 600 x 600 dpi
Max copies	Up to 9,999 copies
Copier reduce/enlarge	25 to 400%
Copier settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content
Copier smart software features	orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto colour detection; Two-sided copying; Image
- /	adjustments (darkness, background cleanup, sharpness); Job build
Fax (Optional) Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Colour (fine): Up to 300 x 300 dpi (400 x 400 dpi for received
Transmission speed ⁴	faxes only) Up to 33.6 kbps; 3 sec per page
Fax features	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes (poll to receive only); Auto fax reduction supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No
Display	20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD)
Duty cycle (monthly, A4) ⁵ Recommended monthly	Up to 200,000 pages 2,500 to 50,000 pages
page volume ⁶	
Media	
Custom sizes Recommended Weights	Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only 60 to 220 g/m ² , 300 g/m ² Photo Paper Only
Types	Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards
Paper handling	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HCI (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapler stacker
Processor speed	1.2 GHz
Operating system compatibility	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Muntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 71 all 32- & 64-bit editions (windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 71 all 32- & 64-bit editions (excluding RT OS for Tablets).
	Android, Linux Bess (50), Linux Debian (70, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 5.8, 6.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17, 1, 7.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Wuhut (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 84-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 84-bit editions, Windows 8(3, 1 all 32-), 864-bit editions (excluding RT OS for Tablets), Formium, Professional, etc.), Windows 7 all 32- & 84-bit editions, Windows 8(3, 1 all 32-), 864-bit editions (Home, XP Pro, etc.). PC Windows 91 0, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows 7 PS 92 or higher (32-bit odi), any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz connectible part (SX v10.12 Yosemite, DS X 10.12 Yosemite, Thermet Explorer 8. Windows 7 PS 92 or higher (32-bit on), USB port, Microsoft [®] Internet Explorer 8. Windows 7 PS 92 or higher (32-bit on), Sentit, minimum 1.3 GB
Minimum system requirements	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Rel Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Vbuntu (12.04, 14.04, 15.10), C5 macro S1 0.12 Siera, OS X 10.10 Vosemite, OS X 10.11 Vosemite, OS X 10.10 Vosemite, OS X 10.11 Vosemite, OS X 10.10 Vosemite, OS X 10.10 Vosemite, OS X 10.10 Vosemite, OS X 10.11 Vosemite, OS X 10.10 Vosemite, OS X 10.11 Vosemite, OS X 10.
Minimum system requirements	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Vbuntu (12.04, 14.04, 15.10), C5 macro 50 1.0.1 2 sirer, 05 X 10.1 0 vosemite, 05 X 10.1 11 E Capitan, UNIX, Windows 10 all 3.2 & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8(8.1 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 8, 71, 64:2, 32-bit of 64-bit processor, 26 Bavailable hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows Vista [®] , 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8, Windows 7, 60:8, 00:4,
Minimum system requirements Connectivity	Android, Linux Bess (50), Linux Debian (70, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 5.8, 6.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17, 1, 7.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Wuhut (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 84-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 84-bit editions, Windows 8(3, 1 all 32-), 864-bit editions (excluding RT OS for Tablets), Formium, Professional, etc.), Windows 7 all 32- & 84-bit editions, Windows 8(3, 1 all 32-), 864-bit editions (Home, XP Pro, etc.). PC Windows 91 0, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows 7 PS 92 or higher (32-bit odi), any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz connectible part (SX v10.12 Yosemite, DS X 10.12 Yosemite, Thermet Explorer 8. Windows 7 PS 92 or higher (32-bit on), USB port, Microsoft [®] Internet Explorer 8. Windows 7 PS 92 or higher (32-bit on), Sentit, minimum 1.3 GB
Minimum system requirements Connectivity Connectivity (Standard)	Android, Linux Bess (50), Linux Debian (70, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17, 1, 7.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Uburu (12.04, 14.04, 15.10, 16.10, 05 macO5 10.12 Siera, OS X 10.10 Vosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8(3, 1 all 32- & 64-bit editions (excluding RT OS for Tablets), Permium, Professional, etc.), Windows 32-bit editions (excluding RT OS for Tablets), Windows Vistage, Premium, Professional, etc.), Windows 32-bit editions (excluding RT OS for Tablets), Windows Vistage, Premium, Professional, etc.), Windows 52-bit editions (excluding RT OS for Tablets), Windows Vistage, 20-bit on(b), 26 available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer & Windows Vistage, 20-bit on(b), 26 available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer & Sundows XP SP3 or higher (32-bit on)); any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer & Sundows XP SP3 or higher (32-bit on)); any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer & Sundows XP SP3 or higher (32-bit on); San Yu Constables available hard Jisk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer & Sundows XP SP3 or higher (32-bit on); San Yu Constables available hard Jisk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer & Sundows XP SP3 or higher (32-bit on); San Yu Constables available hard Jisk space, CD-R0M/DVD drive or Internet connection, USB por
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Kubnitu (12.04, 14.04, 15.10, 16.10, OS maccio 51.0.1 2 Siera, OS X 10.1 0'sosenite, OS X 11.0 1'sosenite, IS X 11.0 I'Sosenite, Ros
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mmt (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (5.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Xbottu (12.04, 14.04, 15.10
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilites Supported network protocols	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Vbuntu (12.04, 14.04, 15.10), C5 macro S1 0.1.2 Sierra, OS X 10.1 0 vosemite, OS X 10.1 11 E Capitan, UNIX, Windows 10 all 3.2 & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-& 864-bit editions, Windows 8(8.1 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-& 864-bit editions, Windows 8(8.1 all 32-8, 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 32-& 864-bit editions, Windows 8(8.1 all 32-8, 64-bit editions (CP Home, XP Pro, etc.) PC: Windows [®] 10, 8.1, 8, 7: 1 GHz 32-bit of 64-bit processor, 2 GB available hard disk space, CD-R0M/DVD drive or Internet Explorer, Windows Vista [®] , 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows [®] XP SP3 or higher (32-bit only): any Intel [®] Pentium [®] (1, cleicon [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Windows [®] XP SP3 or higher (32-bit only): any Intel [®] Pentium [®] (1, cleicon [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-R0M/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer 8. Wac Apple [®] OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port 100, 12 Sierra, 05 X v10.11 El Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port 10, 100/1000/1000/1000/1000/1000/1000/1
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mont (17, 17.1, 17.2, 17.3, 18), Linux Rel Hat Enterprise (5.0, 7.0), Linux KUSE (13.2, 4.21), Linux Wolmtu (12.04, 14.04), 15.10, 15.0, 16.10, 05 macchi (25, 10.2, 12.1), 11.11 E Capitan, UNIX, Windows 10 all 3.22 & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 3.2 & 86 4-bit editions, Windows 8/8.1 all 3.22 & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 3.2 & 86 4-bit editions, Windows 8/8.1 all 3.22 & 64-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 3.2 & 64-bit editions (Periodic V), Windows 7 all 3.2 & 64-bit editions (Windows 8/8.1 all 3.2) & 64-bit editions (Home, XP Pro, etc.) PC : Windows ⁵¹ 0.8, 8, 7:1 GHz 32-bit of 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer (Windows Wista [®] , 800 MHz processor (3.2-bit only). 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer (Windows Y NS 29 aritigher (3.2-bit only), any Intel [®] Pentium [®] II, Gleron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer (S. Windows Y NS 29 aritigher (3.2-bit only)), any Intel [®] Pentium [®] II, Gleron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer (S. Wacch 20, S X vto.1.1 Sierra, OS X vto.1.0 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port (S. 2000 VIC)/Wireless Accessory HP effint, Apple Air/Intrim [®] , Google Cloud Print Via HP Jatdirect Thernet terve (Standard) supports: 10Base-T, 100Base-T, 100Base-T, 802.3az (EEE) support on fast Ethernet and Gigabit Ethernet; Here (Standard) uPo/HPv4: Apple Banjour Compatible (Mac OS v10.2.4 or higher, SMPv
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mont (17, 17.1, 17.2, 17.3, 18), Linux Rel Hat Enterprise (5.0, 7.0), Linux KUSE (13.2, 4.21), Linux Wohntu (12.04, 14.04), 15.10, 16.10, CS maccion (55.10.12) Eirar, OS X 10.10 Vosemite, OS X 11.01 Vosemite, (5.0, 7.0), Linux KUSE (13.2, 4.21), Linux Montu (17.20, 14.04), 15.10, 15.10, Linux CS 11.02 Eirar, OS X 10.10 Vosemite, OS X 11.01 Vosemite, (5.0, 7.0), Linux KUSE (13.2, 4.21), Linux Montu (12.04, 14.04), Windows Y 16.10, OS maccions (Home Basic, Premium, Professional, etc.), Mindows S (4.1 all 32.2) editeditions (Home, XP Pro, etc.). PC : Windows Y 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows VIS48 [®] , 800 MHz processor (32-bit only). 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows Y N S19 ari Nigher (32-bit only), any Intel [®] Pentium [®] II, Gleron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, S. Mindows Y N S19 ari Nigher (32-bit only), any Intel [®] Pentium [®] II, Gleron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, S. Macc Apple [®] OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port (Strosoft [®] Internet Strosoft [®] Internet St
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Vibuntu (12.04, 14.04, 15.10, 6.
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mmt (17, 17.1, 17.2, 17.3, 18), Linux Rel Hat Enterprise (5.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Wontu (12.04, 14.04, 15.10, 15.10, 16.10, 05 macchi (5.10.2), 25.10, 15.12, 15.10, 14, 15.10, 05 macchi (5.10.2), 25.10, 15.12, 25.14, 15.10, 05 macchi (5.10.2), 25.12, 25.14, 15.10, 15.14, 15.10, 05 macchi (5.10.2), 15.12, 15.10, 14.11, 15.12, 101, UNX, Windows 7 all 3.2- & 64-bit editions, Windows SV8.13, all 3.22. & 64-bit editions (excluding RT 05 for Tablets), Windows 7 all 3.2- & 64-bit editions, Windows SV8.13, all 3.22. & 64-bit editions (Home, XP Pro, etc.). PC : Windows [®] 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows VIS48 [®] , 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows K VS10, 200, 200, 200, 200, 200, 200, 200, 2
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W × D × H) Weight Environmental Operating environment Acoustics	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Kubantu (12.04, 14.04, 15.10), C5 macol 50.12.5 [error, OS X 10.1 0 Yossemite, OS X 10.1 WINX, Windows 10 al 3.2 & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 3.2 & 64-bit editions, Windows 8/8.1 all 3.2 & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 3.2 & 64-bit editions, Windows 8/8.1 all 3.2 & 64-bit editions (Pro, etc.) PC: Windows* 10, 8.1, 8.7, 1 GHz 32-bit of 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer, Windows VIs5a*, 800 MHz processor (3.2-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer, Windows VIs10ere 8. Windows % PS P3 archigher (3.2-bit only), any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Mack Apple® OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite, minimum 1.3 GB available HD space. Internet required: USB port (Microsoft® Internet Explorer 8. Mack Apple® OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite, minimum 1.3 GB available HD space. Internet required: USB port (Microsoft® Internet Explorer 8. Mack Apple® OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite, minimum 1.3 GB available HD space. Internet required: USB port (Microsoft® Internet Explorer 8. Mack Apple® OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite, minimum 1.3 GB available HD space. Internet required: USB port (Microsoft® Internet Explorer 8. Hack Apple® OS X v10.24 or higher), ShMPV1/Vic/v3, HTTP HTTP, FTP TTP Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Fixewall; IPv6; Godge C
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics Power specifications	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (6.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Kubnitu (12.04, 14.04, 15.10), CS MacOS (10.12) Earls, OS X10.10 Yossemite, OS X10.11 Versus (5.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Kubnitu (12.04, 14.04, 15.10), CS MacOS (10.12) Earls, OS X10.10 Yossemite, OS X10.11 Versus (5.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Kubnitu (12.04, 14.04, 15.10), CS MacOS (10.12) Earls, Versus (20, 20, 20, 20, 20, 20, 20, 20, 20, 20,
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mmt (17, 17.1, 17.2, 17.3, 18), Linux Rel Hat Enterprise (5.0, 7.0), Linux KUSE (13.2, 4.2.1), Linux Wontu (12.04, 14.04, 15.10, 15.10, 16.10, 05 maccion (55.10.1.2) Eirar, 05 K1 0.10 Sorma (55.10.1.2) Eirar, Premium, Professional, etc.1, Windows X91.3.2.2.8.4.6-bit editions (excluding RT 05 for Tablets), Windows Vistar, Premium, Professional, etc.1, Windows X9 23.2-bit editions (SW Home, XP Pro, etc.) PC: Windows ¹⁰ 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft ⁶ Internet Explorer, Windows VIS43 ⁶ , 800 MHz processor (32-bit only). 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft ⁶ Internet Explorer, Standows ⁶ X V 10.10 Standows ⁶ X V 59.2 or 10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port 2 Hi-Speed USB 2.0. Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 0 ptional, enabled with purchase of HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AriPrint ⁶ , Google Cloud Print Val HP Jetdirect Ethernet tembedded print server (standard) supports: 10Base-T, 100Base-T, 100Base-T, 802.3az (EEE) support on fast Ethernet and Gigabit Ethernet; 19.5ec (standard) Pv4/IPv6: ArgBe Bonjour Compatible (Mar Co'X) 0.2.4 or higher), SMIPv1/v2/v2, HTTP HTTP, FTP; FTP FTP Port 9100, LDD, W5 Discovery, IPP; Secure: IPP; IPSec/Fiewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP; SLP; Telnet, KMPv2, BO0T
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics Power specifications Software included	Android, Linux Boss (50), Linux Debian (7,0,7,1,7,2,7,3,7,4,7,5,7,6,7,7,7,8,7,9,8,0,8,1,8,2,8,3,8,4,8,5,8,6), Linux Fedora (22, 23,24), Linux Mint (17, 17,1,7,2,17,3,18), Linux Red Hat Enterprise (50,7,0), Linux XUSE (13,2,4,21), Linux Whuthu (12,04,14,04, 15,10, 16,10, 05 macO5 10.12 Sierra, OS X 10.10 Vosemite, OS X 1101 WIN, Windows S14,13,2-8,64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-8,64-bit editions, Windows 8/8,1 all 32-8, 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-8, 64-bit editions, Windows S12,3-2-bit editions (SW Hundows) [®] 10,8,1,8,7:1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows Vista [®] : 800 MHz processor (32-bit only), 2 GB available rad disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Macca Aple [®] OS X v10.12 Sierra, OS X v10.10 Vista [®] PS P3 or higher (32-bit only): any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Macca Aple [®] OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port 40,00000000000000000000000000000000000
Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics Power specifications Software included Warranty	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Viburitu (12.04, 14.04, 15.10, 16, 16.10, OS maccio S 10.12 Siera, OS X 10.10 Vosemite, OS X 10.11 Vosemite, OS X 10.10 Vosemite, Internet connection, USB port, Microsoft [®] Internet Explorer, Mindovs S VS 100, 21 Vosemite, Minimum 1.3 GB available Had disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Maccio S X 10.10 S X 10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port Microsoft [®] Internet Explorer, Maccio S X 10.10 Vosemite, Minimum 1.3 GB available HD space; Internet required; USB 20. Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket Optional, enabled with purchase of HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple Air/Int [®] , Google Cloud Print West, Sinter Clearenet, Poly Poly Claud Pint Water Obsec (Figure A), Sinder A), Sinter A, 1000Base–T, 1000Base–T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) supports: 10Base–T, 1000Base–T, 1000Base–T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) Supports: 10Base–T, 1000Base–T, 1000Base–T, 802.3az (EEE) Support on Fast Ethernet and Gigabit Ethernet; IPsec (Standard) Supports: 10Base–T, 1000Base–

Ordering information

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Number P1V16A	Description	d 550-sheet Paper Tray
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W1B50A		et Paper Tray and Stand
W1B51A	HP PageWide 3x550-s	heet Paper Tray and Stand
W1B52A		neet HCI Paper Tray and Stand
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B5L31A	HP Foreign Interface H	larness
E5K48A		800 MHz) DDR3 SODIMM
J8031A J8030A	HP Jetdirect 2900nw F	
J8030A CC487A	HP Jetdirect 3000w NI HP LaserJet MFP Analo	
	tridges and LLC's ⁹	igna kneedstory soo
Number	Description	
MOK31XC	HP 993XC Black Contra	act PageWide Cartridge (22,00
MOK08XC	HP 993XC Cyan Contra	ct PageWide Cartridge (16,000
MOK12XC MOK27XC		ntract PageWide Cartridge (16,0 ract PageWide Cartridge (16,0)
W1B44A	HP PageWide Service I	Fluid Container (~150,000 page
W1B43A	HP PageWide Printhea	d Wiper Kit (~150,000 pages)
W1B45A	HP PageWide Roller Ki	t (~150,000 pages)
Recommended P		
Number	Description	100 -h + - FCC P
Z7S68A Z7S67A	HP PageWide Bro GL A3 HP PageWide Bro GL A4	
	m/apac/paper for more de	
	, apacipaper for more de	cond.
HP Care Packs	Description	
Number U9RL1E	Description HP 1-year Next Busine	ss Day w/DMR PageWide
	Color 776xx Managed	SVC
U9RL2E		ess Day w/DMR PageWide
U9RL4E	Color 776xx Managed HP 5-year Next Busine	SVC 255 Day w/DMR PageWide
	Color 776xx Managed	
U9RL5E	HP 3-year 4h9x5w/DM	IR PageWide Color 776xx
U9RL7E	Managed SVC	IR DageWide Color 776
UJNL/E	Managed SVC	IR PageWide Color 776xx
U9JT2E		w Network Workgroup Printer
		. Let HP certified engineers
resolve your tecl		ails on HP Care Pack, go to
hp.com/go/cpc		
HP Inc offices		
Australia China	(613) 8833 5000 (010) 6564 3888	hp.com.au hp.com.cn
Hong Kong	(852) 3559 7777	hp.com.hk
India	(80) 2612 9000	hp.com/in
Indonesia	(62-21) 5799 1088	hp.com/id
Korea	(02) 2199 0114	hp.co.kr
Malaysia	(603) 2332 3333	hp.com.my
New Zealand Philippines	(09) 918 9555 (632) 888 5900	hp.co.nz hp.com/ph
Singapore	(65) 6275 3888	hp.com.sg
Taiwan	(02) 8722 9000	hp.com.tw
Thailand Vietnam	(662) 353 9500	hp.com/th
	(848) 3823 4151	hp.com/vn
	countries, please fax your o itan • Brunei • Cambodia • N	jueries to: (65) 6275 6707 1aldives • Nepal • Pakistan • Srila
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ENERGY STAR		
¹ ISO speeds mea	sured using ISO/IEC 24734.	Excludes first page or first set of
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HP A3 PageWide Color MFP E77650dns 50PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 200 Sheet Document Feeder, Duplex, Staple Finisher and 1 Adjustable 550 Sheet Tray.

Part #	Description	List Price
2CF57A	Base Engine for E77650dns	\$18,236.00
2GP07A	Speed Option for E77650dns	\$1.00
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
P1V19A	Cassette - 2 x 2000 Sheets Plus Stand	\$5,240.87
CC487A	Fax	\$348.00



HP PageWide Managed Color Flow MFP E77650z

HP Managed MFPs and printers are optimised for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.







Affordable colour printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low cost per colour page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.²
- Print even faster—and save even more per page—by setting this printer to General Office mode.³
- Help keep energy costs down with the most efficient printer in its class.⁴



Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide Managed MFP designed for the least maintenance in its class.⁵
- Print speeds up to 50% faster than competitors—as fast as 70 ppm in colour and black-and-white.⁶
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.⁷



The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Protect information on the MFP and in transit over the network, and store data on the encrypted hard disk.⁸
- Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.



Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
 - Enter data more quickly and accurately using the pull-out keyboard.
 - Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimised.
 - Load up to 200 pages into the automatic document feeder for fast, unattended scanning.
- Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <u>hp.com/go/PrintersThatProtect</u>. For more information: <u>hp.com/go/Printersecurityclaims</u> High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with
- HP 982A series Original PageWide Cartridges. Learn more at <u>hp.com/go/learnaboutsupplies</u> Comparison based on printing in Professional Mode.
- Energy claim based on TEC data reported on energystar.gov as of March 2017. Data normalized to determine energy efficiency of in-class A3 colour laser printers (\$1500-\$2999) and MFPs (\$3000-\$7499) as of February 2017, excluding other HP PageWide products. Subject to device settings. Actual results may vary. Fewer service parts claim based on BLI analysis of leading in-class A3 MFPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and
- assume 600,000 pages printed (using a 60% black/40% colour ratio). Learn more at <u>hp.com/go/pagewideclaims</u> Comparison of HP PageWide A3 devices with the majority of in-class colour ink/laser MFPs (\$3000-\$7499), and colour ink/laser single function printers (\$1500-\$2999) as of April 2017; market share as
- reported by IDC as of Q4 2016, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at <u>hp.com/go/printerspeeds</u> Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hp.connected.com
- Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity

Technical specifications

Functions Print	
Duplex print options	Automatic (standard)
Technology	HP PageWide Technology
Speed ¹	Black: Up to 70 ppm (General office mode, A4); Up to 50 ppm (Professional mode, A4); Colour: Up to 70 ppm (General Office mode, A4); Up to 50 ppm (Professional mode, A4); Duplex printing: Black/Colour (Professional mode): Up to 35 ppm
First page out ²	Black (A4, ready): As fast as 7.1 seconds; Colour (A4, ready): As fast as 7.1 seconds
Resolution	Black (best): Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Colour (best): Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)
Languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7
HP ePrint capability	Yes
Print cartridges	4 (1 each black, cyan, magenta, yellow) UD latAdvantage Convits Magagery UD CNMD Draws Agents UD Web, latAdvais Cefturyery UD WS Dro Draws Agents Drinter Advaintstates
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver
Printer smart software features	
ican	
Туре	Flatbed, ADF
Technology Speed	Charge Coupled Device (CCD) & Contact Image Sensor (CIS) Single-sided (A4): Up to 120 ipm (black and colour); Two-sided (A4): Up to 240 ipm (black and colour)
Bit depth	24-bit
Resolution	Hardware: Up to 600 ppi; Optical: Up to 600 dpi; Enhanced: Up to 600 ppi
Max scanning size	Flatbed: 297 x 432 mm; ADF: 297 x 432 mm; Up to 297 x 864 mm when "long scan size" selected
Grayscale levels Input modes	256 Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform
File format Digital sending standard	(OXP) applications Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR) HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (prn, pcl, cht)
features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF
ору	
Speed ³	Black: Up to 70 cpm (General office mode, A4); Up to 50 cpm (Professional mode, A4); Colour: Up to 70 cpm (General office mode, A4); Up to 50 cpm (Professional mode, A4)
First copy out ³	Lolour: Up to 70 cpm (General office mode, A4); Up to 50 cpm (Professional mode, A4) Black (letter): As fast as 9.0 seconds; Colour (letter): As fast as 9.0 seconds
Resolution	Black (text and Graphics): Up to 600 × 600 dpi; Colour (text and graphics): Up to 600 × 600 dpi
Max copies	Up to 9,999 copies
Copier reduce/enlarge	25 to 400%
Copier settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto colour detection; Two-sided copying; Image
	adjustments (darkness, background cleanup, sharpness); Job build
Fax (Optional) Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Colour (fine): Up to 300 x 300 dpi (400 x 400 dpi for received
	faxes only)
Transmission speed4	Up to 33 6 kbps; 3 cos per page
Transmission speed ⁴ Fax features	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes (boll to receive only); Auto fax reduction
Fax features Display Duty cycle (monthly, A4) ^s	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; fool to receive only); Auto fax reduction supported: Yes; Fax telehone mode supported: No; Jukh Barrier supported: Yes; PC interface supported: Yes; Fax telohone mode supported: No locations: 210; Telephone handset supported: No 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD) Up to 200,000 pages
Fax features Display Duty cycle (monthly, A4) ^s Recommended monthly	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; (poll to receive only); Auto fax reduction supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD)
Fax features hisplay buty cycle (monthly, A4) ^s tecommended monthly age volume ⁶ dedia	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax telahome mode supported: Yes; Fax telahome mode supported: No; Fax telahome
Fax features bisplay buty cycle (monthly, A4) ⁵ tecommended monthly age volume ⁶ tedia Custom sizes	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes (foll to receive only). Auto fax reduction supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No Unk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No Unk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No Unk barrier supported: Yes; Sax broadcasting, max locations: 210; Telephone handset supported: Display (CGD) Up to 200.0000 pages 2,500 to 50,000 pages Tray 1:99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only
Fax features Display Duty cycle (monthly, A4) ^s Recommended monthly age volume ^s Vedia Custom sizes Recommended Weights	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling; Yes; Fax delayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax telayed sending: No: Obstinctive ring supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: No: Ouk barrier supported: Yes; Pix telephone handset supported: Yes; Fix telephone handset supported: Yes; Pix telephone handset suphone handset supported: Yes; Pix telephone handset su
Fax features Display Duty cycle (monthly, A4) ⁵ Recommended monthly age volume ⁶ Media Custom sizes	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax toplane mode supported: No; No; Fax toplane mode supported: Yes; Fax toplane to
Fax features Display Duty cycle (monthly, A4) ^s Recommended monthly age volume ⁶ Aedia Custom sizes Recommended Weights Types Paper handling	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax telahome mode supported: Yes; Fax telahome mode supported: No; Ibatin barrier supported: Yes; PC linterface supported: Yes; Fax telahome mode supported: No; Ibatin barrier supported: Yes; PC linterface supported: Yes; Fax telahome mode supported: No; Ibatin barrier supported: Yes; PC linterface supported: Yes; Fax telahome mode supported: No; Ibatin barrier supported: Yes; PC linterface supported: Yes; Fax telahome mode supported: No; Ibatin barrier supported: Yes; PC linterface supported: Yes; Fax telahome mode supported: Yes; PC linterface supported: Yes; Fax telahome mode supported: Yes; PC linterface supported: Yes; Fax telahome mode supported: Yes; PC linterface supported: Yes; Fax telahome mode supported: Yes; PC linterface supported: Yes; Fax telahome mode supported: Yes; PC linterface supported: Yes; Fax telahome mode supported: Yes; Fax telahome mode supported: Yes; Fax telahome mode supported: Yes; Yes; Fax telahome mode supported: Yes; Yes; Fax telahome mode supported: Yes; Yes; Yes; Yes; Yes; Yes; Yes; Yes;
Fax features Display Duty cycle (monthly, A4) ^s Recommended monthly agge volume ^s Media Custom sizes Recommended Weights Types Paper handling Processor speed Dperating system compatibility	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling; Yes; Fax delayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes (poll to receive only); Auto fax reduction supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Fax telephone mode supported: No: Distinctive ring detections: 210; Telephone handset supported: No: Distinctive ring supported: Yes; Fax telephone mode supported: No: Distinctive ring double for the set of t
Fax features isplay uty cycle (monthly, A4) ^s tecommended monthly age volume ⁶ tedia Custom sizes Recommended Weights Types Paper handling rocessor speed perating system compatibility	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax telayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax telayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax telayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fox Interface supported: Yes; Fax treated memode supported: No 20.3 cm (8:0) in bunchscreen, XVA Colour Graphic Display (CGD) Up to 200,000 pages 2,500 to 50,000 pages 2,500 to 50,000 pages Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only 60 to 22.0 g/m², 300 g/m² Photo Paper, Only Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x50/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), 12.6 Hz Android, Linux Bobian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 8.7, 9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13.2, 42.1), Linux Ubantu (12.04, 14.04, 15.10, 16.04, 16.10), 05 macto S 10.10 Yosemite, 05 X 10.11 El Capitan, UMX, Windows 10 all 32-8 64-bit editions, Windows 8(8.1, all 32-8 64-bit edi
Fax features Pisplay P	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; Fax forwarding supported: Yes; Fax forwarding: Test forwarding: Test forwarding: Test forwarding: Test forwarding: You (Test Fax
Fax features isplay uty cycle (monthly, A4) ^s ecommended monthly age volume ⁶ ledia Custom sizes Recommended Weights Types Paper handling rocessor speed perating system compatibility inimum system requirements onnectivity Connectivity (Standard)	Faxing: Optional; Faxing options (ADF): Simultaneous: Two-Sided: Auto-Redialling: Yes; Fax delayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: No; Six Fax polling supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No; UM barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No; UM barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; PC interface supported: Ye
Fax features Display Duty cycle (monthly, A4) ^s Recommended monthly age volume ^s Ledia Custom sizes Recommended Weights Types Paper handling Processor speed Dperating system compatibility Aninimum system requirements Connectivity Connectivity (Standard) Wireless capability	Faxing: Optional: Faxing options (ADF): Simultaneous Two-Sided: Auto-Redialling: Yes; Fax delayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: No; Six Fax polling supported: Yes; Fax totelaytone mode supported: No: Junk barrier supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 21.0; Telephone handset supported: No: Unk barrier supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 21.0; Telephone handset supported: No: Unk barrier supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 21.0; Telephone handset supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 21.0; Telephone handset supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 21.0; Telephone handset supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 21.0; Telephone handset supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 21.0; Telephone handset supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 21.0; Telephone handset supported: Yes; PC Interface Supported:
Fax features Fax f	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling; Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax telephone mode supported: Yes; Fax polling supported: Yes (poll to receive only); Auto fax reduction supported: Yes; Fax telephone mode supported: No; Unik barrier supported: Yes; Fax telephone mode supported: No; Unik barrier supported: Yes; Fax telephone mode supported: No; Unik barrier supported: Yes; Fax telephone handset supported: No; Unik barrier supported: Yes; Fax telephone handset supported: No; Unik barrier supported: Yes; Fax telephone handset supported: No; Unik barrier supported: Yes; Fax telephone handset supported: No; Unik barrier supported: Yes; Fax telephone handset supported: No; Unik barrier supported: Yes; Fax telephone handset supported: No; Unik barrier supported: Yes; Fax telephone handset supported: No; Unik barrier supported: Yes; Fax telephone handset supported: No; Unik barrier supported: Yes; Fax telephone handset supported: No; Unik barrier supported: Yes; Fax telephone handset supported: No; Unik barrier supported: Yes; Fax telephone handset supported: Yes; Yes; Yes; Yes; Yes; Yes; Yes; Yes;
Fax features Fax features isplay uty cycle (monthly, A4)* fecommended monthly age volume* ledia Custom sizes Recommended Weights Types Paper handling rocessor speed uperating system compatibility linimum system requirements onnectivity Connectivity (Standard) Wireless capability Mobile printing capability	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax atelayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax forwarding supported: Yes; Fax forwarding supported: No: Fax forwarding supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 21(0; Telephone handset supported: No: Mo 20.3 cm (8:0) in buchScreen, XVA Colour Graphic Display (CGD) Up to 200.000 pages 2,500 to 50,000 pages 2,500 to 50,000 pages Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only 60 to 22.0 g/m², 300 g/m² Photo Paper (Di) Paper (Plain, Inkjet, Inkjet Brochure/Glossy). Photo Paper, Envelopes, Labels, Cards Input (standard): 100 -sheet multipurpose tray, 550 -sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), 12x50/stand (A3/A4), 1
Fax features Fax features Display Duty cycle (monthly, A4) ^s Recommended monthly age volume ⁸ dedia Custom sizes Recommended Weights Types Paper handling Processor speed Operating system compatibility Aninimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols	Faxing: Optional: Faxing options (ADF): Simultaneous Two-Sided: Auto-Redialling: Yes; Fax delayed sending: No: Distinctive ring detection supported: Yes; Fax telayobane mode supported: Yes; Fax polling supported: Yes; Fax telayobane mode supported: No: Junk barrier supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No: Unk barrier supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max location: 210; Telephone handset supported: Yes; Fax broadcasting, max location: 210; Telephone handset supported: Yes; Fax broadcasting, max location: 210; Telephone handset supported: Yes; Fax broadcasting, max location: 210; Telephone handset supported: Yes; Fax broadcasting, Yes; Fax broadcasting, Yes; Fax breadcasting, Yes; Fax breadcasting, Yes; Fax breadcasting, Yes; Fax breadcasting, Yes; Fa
Fax features Fax f	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax telayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax telayed sending: No: Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax telayed sending: No: Fax forwarding supported: No: 2013 (mt. 80) in buchStreen, XVA Colour Graphic Display (CGD) 20.3 cm (8:0) in buchStreen, XVA Colour Graphic Display (CGD) Up to 200.000 pages 2,500 to 50,000 pages 2,500 to 50,000 pages Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only 60 to 220 g/m², 300 g/m² Photo Paper Only Paper (Plain, Inkjet, Inkjet Brochure/Glossy). Photo Paper, Envelopes, Labels, Cards Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), 12x200 sheet Ad; Output (standard): 500-sheet output bin 1.2 GHz Android, Linux Boss (50, Linux Debian (70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86), Linux Fedora (22, 23, 24), Linux Mint (17, 171, 172, 173, 18), Linux Red Hat Enterprise (60, 70), Linux SUSE (13.2, 42.1), Linux Ibuntu (12.04, 14.04, 15.10), 65 for Tablets), Windows 7a1 23 - 8 64-bit editions, Windows 7a1 23 - 2bit editions (RP Ghr Tablets)
Fax features Fax f	Faxing: Optional: Faxing options (ADF): Simultaneous Two-Sided: Auto-Redialling: Yes; Fax delayed sending: No: Distinctive ring detection supported: Yes; Fax telayobane mode supported: Yes; Fax polling supported: Yes; Fax telayobane mode supported: No: Junk barrier supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No: Unk barrier supported: Yes; PC Interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: Yes; Fax broadcasting, max location: 210; Telephone handset supported: Yes; Fax broadcasting, max location: 210; Telephone handset supported: Yes; Fax broadcasting, max location: 210; Telephone handset supported: Yes; Fax broadcasting, max location: 210; Telephone handset supported: Yes; Fax broadcasting, Yes; Fax broadcasting, Yes; Fax breadcasting, Yes; Fax breadcasting, Yes; Fax breadcasting, Yes; Fax breadcasting, Yes; Fa
Fax features Display Duty cycle (monthly, A4)* Recommended monthly age volume* Media Custom sizes Recommended Weights Types Paper handling Processor speed Dperating system compatibility dinimum system requirements Connectivity Connectivity Connectivity Supported network protocols Dimensions (W x D x H) Weight	 Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling; Yes; Fax delayed sending: No: Distinctive ring detection supported: Yes; Fax telephone mode supported: Yes; Fax polling supported: Yes; (poll to receive only); Auto fax reduction supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Fax telephone handset supported: No: Junk barrier supported: Yes; Fax telephone handset supported: No: Junk barrier supported: Yes; Fax telephone handset supported: No: Junk barrier supported: Yes; Fax telephone handset supported: No: Junk barrier supported: Yes; Fax telephone handset supported: No: Junk barrier supported: Yes; Fax telephone handset supported: No: Junk barrier supported: Yes; Fax telephone handset supported: Yes; Fax telephone mode supported: Yes; Fax telephone handset supporte: Yes
Fax features Fax f	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; fax telephone mode supported: No; Unik barrier supported: Yes; Fax Velophone handset supported: No; Ouk barrier supported: Yes; Fax Velophone handset supported: No; Ouk barrier supported: Yes; Fax Velophone handset supported: No; Ouk barrier supported: Yes; Fax Velophone handset supported: No; Ouk barrier supported: Yes; Fax Velophone handset supported: No; Ouk barrier supported: Yes; Fax Velophone handset Supported: Yes; Fax Velop
Fax features Fax f	Faxing: Optional: Faxing options (ADF): Simultaneous: Two-Sided: Auto-Redialling: Yes; Fax delayed sending: No: Distinctive ring detection supported: Yes; Fax telephone mode supported: Yes; Fax polling supported: Yes; PC Interface supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; PC Interface supported: Yes; Fax totadcasting, max 20.3 cm (8.0) in buchscreer, NX ko Colour Graphic Display (CGD) Up to 200,000 pages 2,500 to 50,000 pages 2,500 to 50,000 pages 7 may 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only 60 to 220 g/m3; 300 g/m2 Photo Paper Only Paper (Plain, Inkjet: Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards Imput (standard): 100-sheet multipurpose tray, S50-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), 1x250/stand (A3/A4), 1x2, 173, 18, 10, 10, 10, 10, 14, 161 (2), 200 sheet A4); Output (standard): 500-sheet output tin 1.2 GHz Android, Linux Boss (50), Linux Debian (70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 8.6), Linux Fedora (22, 23, 24), Linux MR (17, 17, 17, 17, 17, 17, 17, 17, 17, 17,
Fax features isplay isplay iuty cycle (monthly, A4) ^s ecommended monthly age volume ⁸ custor sizes Recommended Weights Types Paper handling rocessor speed perating system compatibility inimum system requirements onnectivity Connectivity Mobile printing capability Wireless capability Mobile printing capability Supported network protocols immensions (W x D x H) Veight Nurinomental Operating environment Acoustics ower specifications	Faxing: Optional: Faxing options (ADP: Simultaneous Two-Sided: Auto-Redialling: Yes; Fax delayed sending: No. Distinctive ring detection supported: No: & Norwarding supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No: Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No: Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No: Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No: Junk 200; Junk
Fax features Fax f	Faxing: Optional: Faxing options (ADP): Simultaneous Two-Sided: Auto-Redialling: Yes; Fax delayed sending: No. Distinctive ring detection supported: No: Si Normarding supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handest supported: No: Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handest supported: No: Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handest supported: No: Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handest supported: No: Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handest supported: No: Supported: Yes; Pax L220; Junk 200,000 pages Tray 1: 99.1 x 127 to 30.4 8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only 60 to 220 g/m²; 300 g/m² Photo Paper Only Paper (Plain, hight, InkyEt Rochner/Glossy, Photo Paper, Envelopes, Labels, Cards Input (standard): 100-sheet nultipurpose tray, 550-sheet input tray; Input (optional): N550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), 3x550/stand (A3/A4), 4x32, 2x3, 4x4, 1unk Mm (17, 17, 1, 17, 2, 17, 3, 18), Linux Red Hat Enterprise (6, 0, 7, 0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10, 00; mac 05 10.12 Sierra, 05 X 10.10 Vosemite, 05 X 10.10 Vosemite, 05 X 10.10 Vosemite, 05 X 10.10 Vosemite, 2x2, 4x3, 2x4, 4x4, 2x4, 2x4, 4x4, 2x44, 4x4, 4x
Fax features Fax f	Faxing: Optional: Faxing options (ADP: Simultaneous Two-Sided: Auto-Redialling: Ves; Fax delayed sending: No. Distinctive ring detection supported: No: Sink Simultaneous Two-Sided: Auto-Redialling: Ves; Fax broadcasting, max locations: 210; Telephone handes supported: No: Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handes: supported: No: Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handes: supported: No: Junk Barrier Supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; 200, 200; 200; 200; 200; 200; 200; 20
Fax features Fax features Display Duty cycle (monthly, A4)* Recommended monthly age volume* Vedia Custom sizes Recommended Weights Types Paper handling Processor speed Dperating system compatibility Vineless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Connecting environment Acoustics Power specifications Software included Warranty What's in the box	Faxing Optional: Faxing options (ADP): Simultaneous Two-Sided: Auto-Redialing: Yes; Fax delayed sending: Nuo, Estimitive ring detection supported: No: RX orwarding supported: Yes; Fax Obiosis supported: Yes; Fax delayed sending: Nuo, Estimitive ring options: 20: 20: 20: 20: 20: 20: 20: 20: 20: 20
Fax features Fax f	 Faxing: Optional: Faxing options: IADF): Smultaneous Two-Sided: Auto-Redialing: Yes; Fax delayed sending: Yes; Fax delayed Yes; Fax delayed Yes; Fax delayed Yes;

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Ordering information

Number	Description	
J7Z08A	HP PageWide Managed	Color Flow MFP E77650z
Accessories (Option	Description	
P1V16A	HP PageWide Managed	550-sheet Paper Tray
P1V17A		550-sheet Paper Tray and Stand
P1V18A P1V19A		3x550-sheet Paper Tray and Stand 000-sheet HCI Paper Tray and Stand
47W99A	HP PageWide 550-shee	
W1B50A	HP PageWide 550-shee	
W1B51A W1B52A		neet Paper Tray and Stand eet HCI Paper Tray and Stand
B5L29A	HP High-Performance	
35L28A	HP Internal USB Ports	
35L31A	HP Foreign Interface Ha HP 1 GB x32 144-pin (8	
E5K48A 18031A	HP Jetdirect 2900nw Pi	
18030A	HP Jetdirect 3000w NF	
C487A	HP LaserJet MFP Analog	g Fax Accessory 500
Replacement Cartri	dges and LLC's ⁹	
Number	Description	
MOK31XC		ct PageWide Cartridge (22,000)
MOKO8XC MOK12XC		t PageWide Cartridge (16,000) tract PageWide Cartridge (16,000
MOK 27XC		act PageWide Cartridge (16,000)
W1B44A		luid Container (~150,000 pages)
W1B43A		d Wiper Kit (~150,000 pages)
W1B45A	HP PageWide Roller Kit	(~150,000 pages)
Recommended Pap	ers ¹⁰	
Number	Description	
Z7S68A	HP PageWide Bro GL A3 1	
Z7S67A	HP PageWide Bro GL A4 2	200 sheets FSC Paper
Please visit hp.com	/apac/paper for more det	ails.
HP Care Packs		
Number	Description	
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HP A3 Color PageWide Flow MFP E77650z 50PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR and USB), 200 Sheet Document Feeder, Duplex, Exit Tray and 1 Adjustable 550 Sheet Tray.

Part #	Description	List Price
2CF58A	Base Engine for E77650z	\$16,957.00
2GP10A	Speed Option for E77650z	\$1.00
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
P1V19A	Cassette - 2 x 2000 Sheets Plus Stand	\$5,240.87
CC487A	Fax	\$348.00



HP PageWide Managed Color Flow MFP E77650zs

HP Managed MFPs and printers are optimised for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.







Affordable colour printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low cost per colour page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.²
- Print even faster—and save even more per page—by setting this printer to General Office mode.³
- Help keep energy costs down with the most efficient printer in its class.⁴



Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide Managed MFP designed for the least maintenance in its class.⁵
- Print speeds up to 50% faster than competitors—as fast as 70 ppm in colour and black-and-white.⁶
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.⁷



The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Protect information on the MFP and in transit over the network, and store data on the encrypted hard disk.⁸
- · Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
 - Enter data more quickly and accurately using the pull-out keyboard.
 - Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimised.
- Load up to 200 pages into the automatic document feeder for fast, unattended scanning.
- The image shown above is with a 5 trav stand accessory and may vary based on the choice of accessory ordered by customer.
- Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <u>hp.com/go/PrintersThatProtect</u>. For more information: <u>hp.com/go/printersecurityclaims</u> High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with
- HP 982A series Original PageWide Cartridges. Learn more at <u>hp.com/go/learnaboutsupplies</u>
- Comparison based on printing in Professional Mode. Energy claim based on TEC data reported on energystar.gov as of March 2017. Data normalized to determine energy efficiency of in-class A3 colour laser printers (\$1500-\$2999) and MFPs (\$3000-\$7499) as of February 2017, excluding other HP PageWide products. Subject to device settings. Actual results may vary. Fewer service parts claim based on BLI analysis of leading in-class A3 MFPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and
- assume 600,000 pages printed (using a 60% black/40% colour ratio). Learn more at hp.com/go/pagewideclaims
- Comparison of HP PageWide A3 devices with the majority of in-class colour ink/laser MFPs (\$3000-\$7499), and colour ink/laser single function printers (\$1500-\$2999) as of April 2017; market share as
- reported by IDC as of Q4 2016, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at hp.com/go/printerspeeds Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com
- Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity

Technical specifications

Functions Print	
Duplex print options	Automatic (standard)
Technology	HP PageWide Technology
Speed ¹	Black: Up to 70 ppm (General office mode, A4); Up to 50 ppm (Professional mode, A4); Colour: Up to 70 ppm (General Office mode, A4) Up to 50 ppm (Professional mode, A4); Duplex printing: Black/Colour (Professional mode): Up to 35 ppm
First page out ²	Black (A4, ready): As fast as 7.1 seconds; Colour (A4, ready): As fast as 7.1 seconds
Resolution	Black (best): Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Colour (best): Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)
Languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7
HP ePrint capability Print cartridges	Yes 4 (1 each black, cyan, magenta, yellow)
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator
Printer smart software features	Resource Kit for HP Universal Print Driver HP SureStart; Run-time Intrusion detection; Whitelisting; HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmin; Open Extensibility Platform, FutureSmart Firmware, HP ePrint, Apple AirPrint™, HP Auto-OnfAuto-Off technology, HP Color Access Control, HP EasyColor, Front-Facing USB printing, store print Jobs, HP EasyColor, print preview, automatic two-sided printing, pri- multiple pages per sheet (2, 4, 6, 9, 16), collation, booklet printing, cover pages, trav selection, scaling, Portrait/Landscape orientation High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation dpi print modes, Optional: HP and third party extensibility soutions; wireless
can	
Type	Flatbed, ADF
Technology Speed	Charge Coupled Device (CCD) & Contact Image Sensor (CIS) Single-sided (A4): Up to 120 ipm (black and colour); Two-sided (A4): Up to 240 ipm (black and colour)
Bit depth	24-bit
Resolution Max scanning size	Hardware: Up to 600 ppi; Optical: Up to 600 dpi; Enhanced: Up to 600 ppi Flatbed: 297 x 432 mm; ADF: 297 x 432 mm; Up to 297 x 864 mm when "long scan size" selected
Grayscale levels	256
Input modes	Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform
File format	(0XP) applications Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OC HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF/A (OC
Digital sending standard	PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht) Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book;
Digital sending standard features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF
ору	
Speed ³	Black: Up to 70 cpm (General office mode, A4); Up to 50 cpm (Professional mode, A4); Colour: Up to 70 cpm (General office mode, A4); Up to 50 cpm (Professional mode, A4)
First copy out ³	Black (letter): As fast as 9.0 seconds; Colour (letter): As fast as 9.0 seconds
Resolution	Black (text and Graphics): Up to 600 × 600 dpi; Colour (text and graphics): Up to 600 × 600 dpi
Max copies	Up to 9,999 copies
Copier reduce/enlarge Copier settings	25 to 400% Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, conten
	orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto colour detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build
ax (Optional)	adustments (adminess) adeigradina eleanap, shaipness), sao adua
Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Colour (fine): Up to 300 x 300 dpi (400 x 400 dpi for received
Transmission speed ⁴	faxes only) Lip to 33.6 kbps: 3 sec per page
Transmission speed ⁴ Fax features	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; PC interface supported: Yes; Fax teledone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax belower and the supported: Yes; Fax teledone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax belower and the supported: Yes; Fax bel
Fax features	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes (poll to receive only); Auto fax reduction
	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax telephone mode supported: Yes; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, ma locations: 210; Telephone handes supported: No; 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD) Up to 200,000 pages 2,500 to 50,000 pages
Fax features Display Duty cycle (monthly, A4) ⁵ Recommended monthly age volume ⁶ Custom sizes	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax telephone mode supported: Yes; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, ma locations: 210; Telephone handset supported: No 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD) Up to 200,000 pages 2,500 to 50,000 pages Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5; 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only
Fax features Display Duty cycle (monthly, A4) ⁶ Recommended monthly bage volume ⁶ dedia Custom sizes Recommended Weights	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax telephone mode supported: Yo; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, ma locations: 21:0; Telephone handset supported: No 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD) Up to 200,000 pages 2,500 to 50,000 pages Tray 1: 99.1 x 127 to 30.4.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only 60 to 22.0 g/m², 300 g/m² Photo Paper Only
Fax features Display Duty cycle (monthly, A4) ⁵ Recommended monthly age volume ⁶ Custom sizes	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD) Up to 200,000 pages 2,500 to 50,000 pages 7 tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only 6 to 220 g/m², 300 g/m² Photo Paper Only Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards Input (Standard): 100-sheet multipurpose tray, S50-sheet input tray; Input Coptional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), As550/stand (A3/A4), HCI S200 sehet A4), Output (Standard): S00-sheet output bin; 350-sheet stapler stacker
Fax features Display Duty cycle (monthly, A4) ⁵ Recommended monthly Duty cycle (monthly A4) ⁵ Recommended Weights Types Type	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax telephone mode supported: Yes; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handset supported: No; 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD) Up to 200,000 pages 2,500 to 50,000 pages 2,500 to 50,000 pages Tray 1:99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only GO to 20.0 gm ² Photo Paper Only Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards Input (Standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HCI (2x2000 sheet A4); Output (Standard): 500-sheet output bir; 350-sheet stapler stacker 1.2 GHz Android, Linux Boss (S.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.5, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Wint (17, 7.1, 7.1, 7.1, 7.18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuturu (12.04, 14.04, 1.5 1.0, 16, 04, 16.10), G5 macO5 10.1 2 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32-8 64-bit editions (excluding RT O5 for Tablets), Windows 7 all 32-8 64-bit editions, Windows 8/B: 1 all 32-8 c4-bit editions, KOP Home, XP Pro, etc.)
Fax features Display Duty cycle (monthly, A4) ⁶ decommended monthly age volume ⁶ dedia Custom sizes Recommended Weights Types Paper handling Processor speed perating system compatibility Ainimum system requirements	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210: Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210: Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210: Telephone handest supported: No; 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD) Up to 200,000 pages 2,500 to 50,000 pages 7.500 to 50,0000 pages 7.500 to
Fax features isplay iuty cycle (monthly, A4) ⁶ iecommended monthly age volume ⁶ ledia Custorn sizes Recommended Weights Types Paper handling rocessor speed perating system compatibility linimum system requirements	Lip to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC Interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handset supported: No; 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD) Up to 200,000 pages 2,500 to 50,000 pages 2,500 to 50,000 pages Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only 60 to 220 g/m² Photo Paper Only Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards Input (Standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HCI (2x2000 sheet A4); Output (Standard): 500-sheet output bir; 350-sheet stapler stacker 1.2 GHz Android, Linux Boss (S.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Wint (17, 7.1, 7.1, 7.1, 7.3), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuturu (12.0, 4.10.4), 1.5 1.0 1.6 0.4, 16.10, 0.5 macO5 1.0 1.2 Sierra, OS X 10.1 Yosemite, OS X 10.1 1 El Capitan, UNIX, Windows 10 all 32-8 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-8 64-bit editions, Windows 6/8.1 all 32-8 64-bit editions (excluding RT OS for Tablets), Microsoff* Internet Explorer Windows Vista* 800 Vistave RS0 (5.0 - NoHOVD drive or Internet connection (USB port, Microsoff* Internet Explorers * Microsoff* Internet Explorers # Microsoff* Internet Connection, USB port, Microsoff* Internet Suppore: Nohows Vista* 800 Vistave, 300 Vi
Fax features Isplay Uty cycle (monthly, A4) ⁶ Iecommended monthly age volume ⁶ Iedia Custom sizes Recommended Weights Types Paper handling Processor speed protectivity Connectivity Connectivity Wreless capability	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD) Up to 200,000 pages 2,500 to 50,000 pages 7.700
Fax features Fax features Visplay Visp	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax telephone mode supported: Yes; Fax polling supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk Supported: No;
Fax features isplay uty cycle (monthly, A4) ^s (ecommended monthly age volume ⁶ ledia Custom sizes Recommended Weights Types Paper handling rocessor speed perating system compatibility linimum system requirements onnectivity Connectivity Connectivity (Standard) Wireless capability	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax tolephone mode supported: Yes; Fax polling supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; Fax telephone mode supported: No; Junk Supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk Supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk Supported: Yes; PC interface supported: Yes; Fax telephone mode supported: Yes; Fax telephone mode supported: Yes; PC interface supported: Yes; PC inte
Fax features Fax f	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax telephone mode supported: Yes; Fax polling supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk Darge; PC Junk Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk Darge; PC Junk Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk Darge; PC Junk Yes; PC Junk
Fax features Fax f	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; Fax broadcasting, mc locations: 210; Adv Ald Hill CavaColo Sheet Ald Note Paper; Envelopes, Labels, Cards Input Istandard): 100 -sheet multipurpose tray, S50 -sheet input run; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), HC 12x200 -sheet Ald Ald, Ubutu (Standard): S00 -sheet output bin; 350 -sheet stapler stacker 1.2 GHz Android, Linux Bos; (S.0), Linux Deblan (70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86), Linux Fedora (22, 23, 24), Linux Mint (17, 17, 17, 17, 21, 73, 18), Linux Red Hat Enterprise (60, 70), Linux SUSE (13, 24, 21), Linux Ubuntu (12, 04, 14, 04, 15, 10, 16, 04, 16, 10, 05 macOS10, 10, 23 kirra, 05 X N10, 10 Yosemite, MS, Mindows N to 181,
Fax features Fax f	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax telephone mode supported: Yes; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; Fax broadcasting, mc locations: 210; Telephone handest supported: No; Junk barrier supported: Yes; Fax broadcasting, mc locating, Junk Barrier, Junk
Fax features Fax f	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No: Distinctive ring detection supported: Yes; Fax telephone mode supported: Yes; Fax polling supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Fax telephone mode supported: No: Distinctive ring detection supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Fax telephone mode supported: No: Junk barrier supported: Yes; Fax telephone mode supported: No: Junk Supported: Yes; Fax telephone mode supported: No: Junk Supported: No: Supported: Yes; Fax telephone mode supported: No: Junk Supported: Yes; Fax telephone mode supported: No: Junk Supported: No: Supported: Yes; Fax telephone mode supported: No: Junk Suppo
Fax features Fax features Fax features Display Duty cycle (monthly, A4) ⁶ Recommended monthly Bage volume ⁶ Adela Custom sizes Recommended Weights Types Paper handling Processor speed Diperating system compatibility Alinimum system requirements Connectivity Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capability Supported network protocols Simensions (W x D x H) Weight Given Connectal	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring detection supported: Yes; Fax tolephone mode supported: Yes; Joak tolephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, mc locations: 210: Telephone handes tsupported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk Barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: No; Junk Barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: Yes; Fax telephone mode supported: No; Junk Barrier supported: Yes; PC interface supported: Yes; Fax telephone mode supported: Yes; Fax telephone mode supported: Yes; PC interface supported: Yes; Fax telephone mode supported: Yes; PC interface supported: Yes; Fax telephone mode supported: Yes; PC interface supported: Yes; Fax telephone mode supported: Yes; PC interface suppo
Fax features Fax f	 Up to 33.6 kbps: 3 sec pre page Faving: Options: Faving options (ADP): Simultaneous Two-Sided: Auto-Redialling: Yes; Fav delayed sending: No; Distinctive ring detection supported: No; Fav forwarding supported: Yes; Fav poling supported: Yes; PC interface supported: Yes; Fav toroat/casting, mc locations: 210, Telephone handles supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fav toroat/casting, mc locations: 210, Telephone handles supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fav toroat/casting, mc locations: 210, Telephone handles supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fav toroat/casting, mc locations: 210, Telephone handles supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fav toroat/casting, mc locations: 210, Telephone handles supported: No; Junk Barrier Supported: Yes; PC interface supported: Yes; Fav toroat/casting, mc locations: 210, Tary 1: 99.1 x 127 to 30.4.8 x 457.2 mm; Tray 2-5; 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only Gio to 220 g/m²; 300 g/m² Photo Paper Only Paper (Plain; Negl, Inkigt Ender/Gloss), Photo Paper Envelopes, Labels, Cards Input (standard): 100-sheet multipurpose tray; 550-sheet input tray; Input (optional): YS50/tray (A3/A), IX550/stand (A3/A), 3550/stand (A3/A), 41.0 (2x.2003 heet A); Output (standard): 500-sheet output bin; 350-sheet staller stacker 12. Grit Android, Linux Boss (5:0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Kel Hat Enterprise (G0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubantru (12.04, 14.04, 15.10, 16.04, 16.10), GrancOS 10.12 Siera, OS X 10.10 Vosemite, OS X 10.11 E (Lapitan, UNX, Windows 10.2, 8.6, 4.5, 6.6, for Tablets Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP S9.3 a childer (editions (e
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Ordering information

	Number J7Z14A Accessories (Opt		olor Flow MFP E77650zs
	Number	Description	
de, A4);	P1V16A	HP PageWide Managed 5	50-sheet Paper Tray
	P1V17A		50-sheet Paper Tray and Stand
	P1V18A P1V19A		x550-sheet Paper Tray and Stand D0-sheet HCI Paper Tray and Stand
	A7W99A	HP PageWide Malaged 40 HP PageWide 550-sheet	
_	W1B50A	HP PageWide 550-sheet	Paper Tray and Stand
-	W1B51A	HP PageWide 3x550-she	
-	W1B52A B5L29A	HP High-Performance Se	et HCI Paper Tray and Stand ecure Hard Disk
-	B5L28A	HP Internal USB Ports	
	B5L31A	HP Foreign Interface Har	
int	E5K48A J8031A	HP 1 GB x32 144-pin (80 HP Jetdirect 2900nw Pri	
n,	J8030A	HP Jetdirect 3000w NFC	
	CC487A	HP LaserJet MFP Analog	
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_	Number M0K31XC	Description HD 993XC Black Contract	PageWide Cartridge (22,000)
_	MOK08XC		PageWide Cartridge (16,000)
-	MOK12XC	HP 993XC Magenta Contr	act PageWide Cartridge (16,000
-	MOK27XC		ct PageWide Cartridge (16,000)
_	W1B44A W1B43A		iid Container (~150,000 pages) Wiper Kit (~150,000 pages)
	W1B45A	HP PageWide Roller Kit (
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ole	Number Z7S68A	Description HP PageWide Bro GL A3 10	10 sheets FSC Paper
_	Z7S67A	HP PageWide Bro GL A4 20	
		om/apac/paper for more deta	
_	HP Care Packs		
_		Description	
_	Number U9RL1E	Description HP 1-year Next Business	Dav w/DMR PaneWide
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	U9RL2E	HP 3-year Next Business	Day w/DMR PageWide
		Color 776xx Managed SV	/C
<u>.</u>	U9RL4E	HP 5-year Next Business	
nt	U9RL5E	Color 776xx Managed SV HP 3-year 4h9x5w/DMR	
—	USINESE	Managed SVC	Fagewide color 770XX
	U9RL7E	HP 5-year 4h9x5w/DMR	PageWide Color 776xx
-		Managed SVC	
_	U9JT2E	HP Installation Service w	Network Workgroup Printer
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_		hnical issues. For more detai	ls on HP Care Pack, go to
	hp.com/go/cpc		
ах	HP Inc offices		
ux	Australia	(613) 8833 5000	hp.com.au
	China	(010) 6564 3888	hp.com.cn
_	Hong Kong	(852) 3559 7777	hp.com.hk
_	India	(80) 2612 9000	hp.com/in
	Indonesia Korea	(62-21) 5799 1088 (02) 2199 0114	hp.com/id hp.co.kr
-	Malaysia	(603) 2332 3333	hp.com.my
	New Zealand	(09) 918 9555	hp.co.nz
-	Philippines	(632) 888 5900	hp.com/ph
_	Singapore	(65) 6275 3888	hp.com.sg
-	Taiwan Thailand	(02) 8722 9000 (662) 353 9500	hp.com.tw hp.com/th
	Vietnam	(848) 3823 4151	hp.com/vn
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HP A3 Color PageWide Flow MFP E77650zs 50PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR and USB), 200 Sheet Document Feeder, Duplex, Staple Finisher and 1 Adjustable 550 Sheet Tray.

Part #	Description	List Price
2CF59A	E776zs Flow MFP Base Printer	\$19,940.00
2GP13A	Speed Option for E77650zs	\$1.00
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
P1V19A	Cassette - 2 x 2000 Sheets Plus Stand	\$5,240.87
CC487A	Fax	\$348.00



With 4 Trays, Keyboard & Internal Finisher

HP PageWide Managed Color MFP E77660dns - Bundle Product 60 ppm



HP Managed MFPs and printers are optimized for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.

Print Speed: Letter: Up to 60 ppm black; Up to 60 ppm color First Page Out: As fast as 7.1 sec black; As fast as 7.1 sec color

Scan Resolution:Hardware: Up to 600 ppi; Optical: Up to 600 ppi

Copy Resolution:Black (text and graphics): Up to 600×600 dpi; Up to 600×600 dpi; Color (text and graphics): Up to 600×600 dpi

Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket

Paper Handling: 100-sheet multipurpose tray, 550-sheet input tray; 500-sheet output bin; 350-sheet stapler stacker; staples up to 50 sheets

Duty Cycle: Monthly, letter: Up to 250,000 pages









e Print



Affordable color printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low cost per color page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.²
- Print even faster—and save even more per page—by setting this printer to General Office mode.³
- Help keep energy costs down with the most efficient printer in its class.⁴

Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide Managed MFP designed for the least maintenance in its class.⁵
- Print speeds up to 50% faster than competitors—as fast as 80 ppm in color and black-and-white.⁶
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.⁷

The world's most secure printing

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Protect information on the MFP and in transit over the network, and store data on the encrypted hard disk.[®]
- Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/Printerscurityclaims² High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with HP 982A series Original PageWide Cartridges. Learn more at http://www.hp.com/go/Printerscurityclaims² Figh-yield cartridges compared with HP 982A series Original PageWide Cartridges. Learn more at http://www.hp.com/go/Printerscurityclaims² Figh-yield cartridges compared with HP 982A series Original PageWide Cartridges. Learn more at http://www.hp.com/go/Piaemaboutspate³ Comparison based on printers and MPPs with print speeds between 20-80 pm as of February 2018. Subta normalized to determine energy efficiency of in-class color laser printers and MPPs with print speeds between 20-80 pm as of February 2018. Subta normalized to determine energy efficiency of in-class color laser printers and MPPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed (using a 60% black/40% color ratio). Learn more at http://www.hp.com/go/pagewideclasm⁵ Comparison on FP BageWide A 200,000 pages printed (using a 60% black/40% color ratio). Learn more at http://www.hp.com/go/pagewideclasm⁵ Comparison on FP BageWide A 200,000 pages printed (using a 60% black/40% color ratio). Learn more at http://www.hp.com/go/pagewideclasm⁵ Comparison on FP BageWide A 200,000 pages printed (using a 60% black/40% color ratio). Learn more at http://www.Hp.com/go/pages and E204C-F049), and color ink/laser fislepublicalasm⁵ Comparison of FP BageWide A

HP PageWide Managed Color MFP E77660dns - Bundle Product 60 ppm Specifications Table

Functions / Multitasking Supported	Print, copy, scan, fax (optional) / Yes	What's in the box	2LF96A HP PageWide Managed Color MFP E77660dns; HP Setup Ink Cartridges (yield after setup
Print Speed	Letter: Up to 60 ppm black; Up to 60 ppm color ⁵ First Page Out: As fast as 7.1 sec black; As fast as 7.1 sec color ⁶	Panlacoment Cartridges	~8000 pages CMY and 10000 K); Installation guide, Support flyer; documentation on CD-ROM; Power cord
Print Resolution	Black (best): Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Color (best): Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Phote Papers)	Replacement Cartridges	HP 990XC Black Contract PageWide Cartridge (22,000 pages) MOK28XC; HP 990XC (van Contract PageWide Cartridge (16,000 pages) MOK05XC; HP 990XC Magenta Contract PageWide Cartridge (16,000 pages) MOK09XC; HP 990XC Yellow Contract PageWide Cartridge (16,000 pages) MOK24XC ³
Print Technology	HP PageWide Technology	Product Dimensions	W x D x H : 32 x 24.25 x 31.125 in; Maximum : 35.25 x 28.25 x 31.125 in
Print Resolution Technologies	HP PageWide Technology up to 1200 x 1200 optimized dpi from 600 x 600 input dpi	Product Weight	181 lb
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Warranty Features	90 days parts only warranty. Warranty and support options vary by product, country and local legal
Standard Print languages	HP PCL 6; HP PCL 5; HP postscript level 3 emulation; PDF 1.7		requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppor options in your region.
Printer Smart Software Features	HP SureStart; Run-time Intrusion detection; Whitelisting; HP Trusted Platform Module; HP JetAdvantage	Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Gold (U.S.); EPEAT® Silver
	Security Manager; HP Web Jetadmin; Open Extensibility Platform, FutureSmart Firmware, HP ePrint, Apple AirPrint [®] , HP Auto-On/Auto-Off Actenhology, HP Color Access Control, HP EasyColor, Front-Facing USB printing, store print jobs, HP EasyColor, print preview, automatic two-sided printing, print multiple pages per sheet (2, 4, 6, 9, 1, 6), collation, booklet printing, cover pages, tray selection, scaling,	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket
	Portrait/Landscape orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation dpi print modes, Optional: HP and third party extensibility solutions; wireless	Display Description Software Included	8.0 in (20.3 cm) touchscreen, XVA Color Graphic Display (CGD) HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller,
Printer Management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver	Fonts and Typefaces	Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals 105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3
Scan Type / Technology	Flatbed, ADF / Charge Coupled Device (CCD) & Contact Image Sensor (CIS)		emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal
Scan Resolution	Hardware: Up to 600 ppi; Optical: Up to 600 ppi		Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfont
Scan File Format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,
Scan Input Modes	Front panel applications: Copy; E-mail; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sitera, OS 10.10 Vosemite, OS X 10.11 ECapitan, UNIX, Windows 10 all 32- 864-bit editions
Scan Size	ADF: 11.7 x 17 in; Up to 11.7 x 34 in when "long scan size" selected Maximum; 2.7 x 5.8 in Minimum; Flatbed: 297 x 432 mm		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Scan Speed	Up to 90 ipm simplex and up to 180 ipm duplex Up to 90 ipm simplex and up to 180 ipm duplex	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1
Scanner Advanced Features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets	Systems	2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plu
Bit depth / Grayscale levels	24-bit / 256		Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF		Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenApp 7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit), Citrix XenDesktop 5.6 (frow Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6 (frow 7.5 (for Windows Server 2008 R2 SP
Copy Resolution	Black (text and graphics): Up to 600 × 600 dpi; Up to 600 × 600 dpi; Color (text and graphics): Up to 600 × 600 dpi		Terminal Services, 32- and 64-bitl, Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bitl, Novell NetWare 6.5/SP8 Novell Clients www.novell.com/jprint, Novell Print Appliance v10. Novell Open Enterprise Server 11/SP1 Novell Open Enterprise Server 27 for Linux, Nove
Maximum Number Of Copies	Up to 9999 copies		Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Resize	25 to 400%		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bi (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2)
Copier Settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, ID Scan, Job build, edge-to-edge, job storage		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 (2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ⁴		R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Color (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 204 x 98 dpi	Minimum System Requirements	PC: 2GB available hard disk space, OS hardware requirements see microsoft.com; MAC: 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
Fax Smart Software Features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 100 to 240 VAC, 50/60 Hz; Power Consumption: 660 watts (print/copy), 42 watts (ready), 1.6 watts (sleep), 0.2 watts (auto-off), 0.2 watts (off) ¹
Fax Features	Auto Fax Reduction Supported. Yes; Auto-Redialing, Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported. Yes; Fax Phone TAM Interface Supported. No; Fax Polling Supported: Yes (poll to receive and); Fax: Telephone Mode Supported. No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Operating Environment	Operating Temperature Range 59 to 86%C Recommended Operating Temperature: 63 to 77%C; Storag Temperature Range: Before initial setup (Non-Purged): -40 to 140%; After initial setup (Purged): 32 to 140%F. If stored below the lowest specified operating temperature, unit must slowly warm up to an approved operating temperature (HP recommends waiting 24 hours at approved operating temperature prior to using the printer); Non-Operating Humidity Range: 10 to 80% RH; Operating
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket	Security Management	Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH Identity Management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HI
Network Capabilities	Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx , 100Base-T, 100Base-Tx , 1000Base-T, 102.3az (EEE) support on Fast Ethernet and Gigabit Ethernet, IPsec (standard)		and third-party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IPsec configuration Plug in,
Wireless Capability	Optional, enabled with purchase of a hardware accessory		802.1X authentication (EAP-PEAP, EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List, HP Trusted Platform Module (TPM) comes standard; Data: Storage Encryption, Encrypted PDF & Email
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Google Cloud Print		(uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, Hardware Integration Pocket
Memory	Standard: 3584 MB: Maximum: 3584 MB		for security solutions, 18 Intrusion Detection with Red Balloon Security Technology (Constant in-device
Processor Speed	1.2 GHz / Hard disk: 320 GB High-Performance Secure Hard Disk (AES 256 hardware encryption or greater; Secure erase capabilities: Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)		monitoring for attacks), HP Sure Start Secure Boot (BIOS integrity checking with self-healing capability Whitelisting (loads only known good code (DLLs, EXEs, etc.); Security Management: Compatible with HI JetAdvantage Security Manager,21 Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs; For more security settings go to
Duty Cycle	Monthly, letter: Up to 250,000 pages	Accessories	http://h10032.www1.hp.com/ctg/Manual/c03602120
Recommended Monthly Page Volume	2500 to 50,000 pages		HP PageWide Managed 550-sheet Paper Tray P1V16A, HP PageWide Managed 550-sheet Paper Tray and Stand P1V17A, HP PageWide Managed 3x550-sheet Paper Tray and Stand P1V18A, HP PageWide
Media Types Supported	Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards		Managed 4000-sheet HCI Paper Tray and Stand P1V19A, HP High-Performance Secure Hard Disk B5L29A, HP Internal USB Ports B5L28A, HP Foreign Interface Harness B5L31A, HP 1 GB x32 144-pin
Media Weight Supported	Tray 1: 16 to 58 lb, 80 lb Photo Paper Only; Trays 2 to 5: 16 to 58 lb; HCI Trays 3 & 4: 16 to 58 lb		(800 MHz)DDR3 SODIMM E5K48A, HP Jetdirect 2900nw Print Server J8031A, HP Jetdirect 3000w
Media Sizes Supported	Letter, Letter-R, Legal, Executive, Statement, Oficio (8.5x13), 11x17, 12x18, 4x6, 5x7, 5x8, Envelope #10, Envelope 85, Envelope C5, Envelope C6, Envelope DL, Envelop Chou #3	HP Service and Support Options	NFC/Wireless Accessory J8030A, HP Laser Jet MFP Analog Fax Accessory 500 CC487A HP 1y Nbd w/DMR PgWd Color 776xx MNGD SVC; HP 3y Nbd w/DMR PgWd Color 776xx MNGD SVC; HP 4x Nbd w/DMR DgWd Color 776xx NNGD SVC; SVC 30, by Nbd w/DMR PgWd Color 776xx MNGD SVC; HP 3y
Media Sizes Custom	Tray 1: 3.9 x 5 to 12 x18; Tray 2-5: 8.27 x 5.83 to 11.70 x 17 in HCI Trays 3 & 4: A4 & Letter Only;		4y Nbd w/DMR PgWd Color 776xx MNGD SVC; HP 5y Nbd w/DMR PgWd Color 776xx MNGD SVC; HP 3y 4h 9x5w/DMR PgWd Color 776xx MNGD SVC; HP 4y 4h 9x5w/DMR PgWd Color 776xx MNGD SVC; HP 5
Paper Handling	100-sheet multipurpose tray, 550-sheet input tray, 500-sheet output bin; 350-sheet stapler stacker; staples up to 50-sheets; Duplex Options : Automatic (standard) Manual (driver support provided); Auto Document Feeder Capacity : Standard, 200 sheets; Envelope Feeder : No; Standard Paper Trays : 2; Input Capacities : Up to 550 sheets (MP: up to 100 sheets, Tray 2; up to 550 sheets); Output Capacities : Up to 850 sheets; Up to 50 envelopes		4h 9x5 w/DMR PgWd Color 776xx MNGD SVC; HP 1y Nbd Chnl Rmt Parts PgWdClr776xxdMNGD SVC; HP 3y Nbd Chnl Rmt Parts PgWdClr776xxdMNGD SVC; HP 4y Nbd Chnl Rmt Parts PgWdClr776xxdMNGD SVC; HP HP 5y Nbd Chn Rmt Parts PgWdClr776xxdMNGD SVC; HP 1y Nbdw/DMR PgWd Clor 776xx MNGD SVC; HP 2y PW Nbdw/DMR PgWdClr776xx MNGD SVC; HP 1y PW 4h 9x5w/DMR PgWd Clr 776xx MNGD SVC; HP 2y PW Ah 9x5w/DMR PgWd Clr 776xx MNGD SVC; HP 1y PW 4h 9x5w/DMR PgWd Clr 776xx MNGD SVC; HP 2y Clr 2x

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¹ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star value typically based on measurement of 115V device. ² Based on the BA TEC method with the following possible exceptions: T minute or less sleep delay setting, W-Fr disabled. ³ Average color composite (C/M/Y) and black declared yields based on ISO/IEC 24711 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/ leanaboutsupplies.⁴ Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17 ⁵ ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see http://www.hp.com/go/ http://www.hp.com/go/printerclaims ⁶ Exact speed varies depending on the system configuration, software application, driver and document complexity.

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HP A3 PageWide Color MFP E77660dn 60PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 200 Sheet Document Feeder, Duplex, Exit Tray and 1 Adjustable 550 Sheet Tray.

Part #	Description	List Price
2CF56A	Base Engine for E77660dn	\$15,253.00
2GP05A	Speed Option for E77660dn	\$4,773.00
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
P1V19A	Cassette - 2 x 2000 Sheets Plus Stand	\$5,240.87
CC487A	Fax	\$348.00



HP PageWide Managed Color MFP E77660dns - Bundle Product 60 ppm



HP Managed MFPs and printers are optimized for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.

Print Speed: Letter: Up to 60 ppm black; Up to 60 ppm color First Page Out: As fast as 7.1 sec black; As fast as 7.1 sec color

Scan Resolution:Hardware: Up to 600 ppi; Optical: Up to 600 ppi

Copy Resolution:Black (text and graphics): Up to 600×600 dpi; Up to 600×600 dpi; Color (text and graphics): Up to 600×600 dpi

Standard Connectivity: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket

Paper Handling: 100-sheet multipurpose tray, 550-sheet input tray; 500-sheet output bin; 350-sheet stapler stacker; staples up to 50 sheets

Duty Cycle: Monthly, letter: Up to 250,000 pages









e Print



Affordable color printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low cost per color page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.²
- Print even faster—and save even more per page—by setting this printer to General Office mode.³
- Help keep energy costs down with the most efficient printer in its class.⁴

Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide Managed MFP designed for the least maintenance in its class.⁵
- Print speeds up to 50% faster than competitors—as fast as 80 ppm in color and black-and-white.⁶
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.⁷

The world's most secure printing

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Protect information on the MFP and in transit over the network, and store data on the encrypted hard disk.[®]
- Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.

¹ Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/Printerscurityclaims² High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with HP 982A series Original PageWide Cartridges. Learn more at http://www.hp.com/go/Printerscurityclaims² Figh-yield cartridges compared with HP 982A series Original PageWide Cartridges. Learn more at http://www.hp.com/go/Printerscurityclaims² Figh-yield cartridges compared with HP 982A series Original PageWide Cartridges. Learn more at http://www.hp.com/go/Piaemaboutspate³ Comparison based on printers and MPPs with print speeds between 20-80 pm as of February 2018. Subta normalized to determine energy efficiency of in-class color laser printers and MPPs with print speeds between 20-80 pm as of February 2018. Subta normalized to determine energy efficiency of in-class color laser printers and MPPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and assume 600,000 pages printed (using a 60% black/40% color ratio). Learn more at http://www.hp.com/go/pagewideclasm⁵ Comparison on FP BageWide A 200,000 pages printed (using a 60% black/40% color ratio). Learn more at http://www.hp.com/go/pagewideclasm⁵ Comparison on FP BageWide A 200,000 pages printed (using a 60% black/40% color ratio). Learn more at http://www.hp.com/go/pagewideclasm⁵ Comparison on FP BageWide A 200,000 pages printed (using a 60% black/40% color ratio). Learn more at http://www.Hp.com/go/pages and E204C-F049), and color ink/laser fislepublicalasm⁵ Comparison of FP BageWide A

HP PageWide Managed Color MFP E77660dns - Bundle Product 60 ppm Specifications Table

Functions / Multitasking Supported	Print, copy, scan, fax (optional) / Yes	What's in the box	2LF96A HP PageWide Managed Color MFP E77660dns; HP Setup Ink Cartridges (yield after setup
Print Speed	Letter: Up to 60 ppm black; Up to 60 ppm color ⁵ First Page Out: As fast as 7.1 sec black; As fast as 7.1 sec color ⁶	Panlacoment Cartridges	~8000 pages CMY and 10000 K); Installation guide, Support flyer; documentation on CD-ROM; Power cord
Print Resolution	Black (best): Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Color (best): Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Phote Papers)	Replacement Cartridges	HP 990XC Black Contract PageWide Cartridge (22,000 pages) MOK28XC; HP 990XC (van Contract PageWide Cartridge (16,000 pages) MOK05XC; HP 990XC Magenta Contract PageWide Cartridge (16,000 pages) MOK09XC; HP 990XC Yellow Contract PageWide Cartridge (16,000 pages) MOK24XC ³
Print Technology	HP PageWide Technology	Product Dimensions	W x D x H : 32 x 24.25 x 31.125 in; Maximum : 35.25 x 28.25 x 31.125 in
Print Resolution Technologies	HP PageWide Technology up to 1200 x 1200 optimized dpi from 600 x 600 input dpi	Product Weight	181 lb
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Warranty Features	90 days parts only warranty. Warranty and support options vary by product, country and local legal
Standard Print languages	HP PCL 6; HP PCL 5; HP postscript level 3 emulation; PDF 1.7		requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppor options in your region.
Printer Smart Software Features	HP SureStart; Run-time Intrusion detection; Whitelisting; HP Trusted Platform Module; HP JetAdvantage	Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Gold (U.S.); EPEAT® Silver
	Security Manager; HP Web Jetadmin; Open Extensibility Platform, FutureSmart Firmware, HP ePrint, Apple AirPrint [®] , HP Auto-On/Auto-Off Actenhology, HP Color Access Control, HP EasyColor, Front-Facing USB printing, store print jobs, HP EasyColor, print preview, automatic two-sided printing, print multiple pages per sheet (2, 4, 6, 9, 1, 6), collation, booklet printing, cover pages, tray selection, scaling,	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket
	Portrait/Landscape orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation dpi print modes, Optional: HP and third party extensibility solutions; wireless	Display Description Software Included	8.0 in (20.3 cm) touchscreen, XVA Color Graphic Display (CGD) HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller,
Printer Management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver	Fonts and Typefaces	Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals 105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3
Scan Type / Technology	Flatbed, ADF / Charge Coupled Device (CCD) & Contact Image Sensor (CIS)		emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal
Scan Resolution	Hardware: Up to 600 ppi; Optical: Up to 600 ppi		Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfont
Scan File Format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A	Compatible Operating Systems	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3,
Scan Input Modes	Front panel applications: Copy; E-mail; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications		8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sitera, OS 10.10 Vosemite, OS X 10.11 ECapitan, UNIX, Windows 10 all 32- 864-bit editions
Scan Size	ADF: 11.7 x 17 in; Up to 11.7 x 34 in when "long scan size" selected Maximum; 2.7 x 5.8 in Minimum; Flatbed: 297 x 432 mm		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Scan Speed	Up to 90 ipm simplex and up to 180 ipm duplex Up to 90 ipm simplex and up to 180 ipm duplex	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1
Scanner Advanced Features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets	Systems	2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plu
Bit depth / Grayscale levels	24-bit / 256		Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF		Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenApp 7.5 (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit), Citrix XenDesktop 5.6 (frow Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6 (frow 7.5 (for Windows Server 2008 R2 SP
Copy Resolution	Black (text and graphics): Up to 600 × 600 dpi; Up to 600 × 600 dpi; Color (text and graphics): Up to 600 × 600 dpi		Terminal Services, 32- and 64-bitl, Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bitl, Novell NetWare 6.5/SP8 Novell Clients www.novell.com/jprint, Novell Print Appliance v10. Novell Open Enterprise Server 11/SP1 Novell Open Enterprise Server 27 for Linux, Nove
Maximum Number Of Copies	Up to 9999 copies		Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Resize	25 to 400%		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bi (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2)
Copier Settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, ID Scan, Job build, edge-to-edge, job storage		Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 (2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ⁴		R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Color (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 204 x 98 dpi	Minimum System Requirements	PC: 2GB available hard disk space, OS hardware requirements see microsoft.com; MAC: 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
Fax Smart Software Features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 100 to 240 VAC, 50/60 Hz; Power Consumption: 660 watts (print/copy), 42 watts (ready), 1.6 watts (sleep), 0.2 watts (auto-off), 0.2 watts (off) ¹
Fax Features	Auto Fax Reduction Supported. Yes; Auto-Redialing, Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported. Yes; Fax Phone TAM Interface Supported. No; Fax Polling Supported: Yes (poll to receive and); Fax: Telephone Mode Supported. No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Operating Environment	Operating Temperature Range 59 to 86%C Recommended Operating Temperature: 63 to 77%C; Storag Temperature Range: Before initial setup (Non-Purged): -40 to 140%; After initial setup (Purged): 32 to 140%F. If stored below the lowest specified operating temperature, unit must slowly warm up to an approved operating temperature (HP recommends waiting 24 hours at approved operating temperature prior to using the printer); Non-Operating Humidity Range: 10 to 80% RH; Operating
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket	Security Management	Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH Identity Management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HI
Network Capabilities	Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx , 100Base-T, 100Base-Tx , 1000Base-T, 102.3az (EEE) support on Fast Ethernet and Gigabit Ethernet, IPsec (standard)		and third-party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IPsec configuration Plug in,
Wireless Capability	Optional, enabled with purchase of a hardware accessory		802.1X authentication (EAP-PEAP, EAP-TLS), SNMPv3, HTTPS, Certificates, Access Control List, HP Trusted Platform Module (TPM) comes standard; Data: Storage Encryption, Encrypted PDF & Email
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Google Cloud Print		(uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, Hardware Integration Pocket
Memory	Standard: 3584 MB: Maximum: 3584 MB		for security solutions, 18 Intrusion Detection with Red Balloon Security Technology (Constant in-device
Processor Speed	1.2 GHz / Hard disk: 320 GB High-Performance Secure Hard Disk (AES 256 hardware encryption or greater; Secure erase capabilities: Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)		monitoring for attacks), HP Sure Start Secure Boot (BIOS integrity checking with self-healing capability Whitelisting (loads only known good code (DLLs, EXEs, etc.); Security Management: Compatible with HI JetAdvantage Security Manager,21 Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs; For more security settings go to
Duty Cycle	Monthly, letter: Up to 250,000 pages	Accessories	http://h10032.www1.hp.com/ctg/Manual/c03602120
Recommended Monthly Page Volume	2500 to 50,000 pages		HP PageWide Managed 550-sheet Paper Tray P1V16A, HP PageWide Managed 550-sheet Paper Tray and Stand P1V17A, HP PageWide Managed 3x550-sheet Paper Tray and Stand P1V18A, HP PageWide
Media Types Supported	Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards		Managed 4000-sheet HCI Paper Tray and Stand P1V19A, HP High-Performance Secure Hard Disk B5L29A, HP Internal USB Ports B5L28A, HP Foreign Interface Harness B5L31A, HP 1 GB x32 144-pin
Media Weight Supported	Tray 1: 16 to 58 lb, 80 lb Photo Paper Only; Trays 2 to 5: 16 to 58 lb; HCI Trays 3 & 4: 16 to 58 lb		(800 MHz)DDR3 SODIMM E5K48A, HP Jetdirect 2900nw Print Server J8031A, HP Jetdirect 3000w
Media Sizes Supported	Letter, Letter-R, Legal, Executive, Statement, Oficio (8.5x13), 11x17, 12x18, 4x6, 5x7, 5x8, Envelope #10, Envelope 85, Envelope C5, Envelope C6, Envelope DL, Envelop Chou #3	HP Service and Support Options	NFC/Wireless Accessory J8030A, HP Laser Jet MFP Analog Fax Accessory 500 CC487A HP 1y Nbd w/DMR PgWd Color 776xx MNGD SVC; HP 3y Nbd w/DMR PgWd Color 776xx MNGD SVC; HP 4x Nbd w/DMR DgWd Color 776xx NNGD SVC; SVC 30, by Nbd w/DMR PgWd Color 776xx MNGD SVC; HP 3y
Media Sizes Custom	Tray 1: 3.9 x 5 to 12 x18; Tray 2-5: 8.27 x 5.83 to 11.70 x 17 in HCI Trays 3 & 4: A4 & Letter Only;		4y Nbd w/DMR PgWd Color 776xx MNGD SVC; HP 5y Nbd w/DMR PgWd Color 776xx MNGD SVC; HP 3y 4h 9x5w/DMR PgWd Color 776xx MNGD SVC; HP 4y 4h 9x5w/DMR PgWd Color 776xx MNGD SVC; HP 5
Paper Handling	100-sheet multipurpose tray, 550-sheet input tray, 500-sheet output bin; 350-sheet stapler stacker; staples up to 50-sheets; Duplex Options : Automatic (standard) Manual (driver support provided); Auto Document Feeder Capacity : Standard, 200 sheets; Envelope Feeder : No; Standard Paper Trays : 2; Input Capacities : Up to 550 sheets (MP: up to 100 sheets, Tray 2; up to 550 sheets); Output Capacities : Up to 850 sheets; Up to 50 envelopes		4h 9x5 w/DMR PgWd Color 776xx MNGD SVC; HP 1y Nbd Chnl Rmt Parts PgWdClr776xxdMNGD SVC; HP 3y Nbd Chnl Rmt Parts PgWdClr776xxdMNGD SVC; HP 4y Nbd Chnl Rmt Parts PgWdClr776xxdMNGD SVC; HP HP 5y Nbd Chn Rmt Parts PgWdClr776xxdMNGD SVC; HP 1y Nbdw/DMR PgWd Clor 776xx MNGD SVC; HP 2y PW Nbdw/DMR PgWdClr776xx MNGD SVC; HP 1y PW 4h 9x5w/DMR PgWd Clr 776xx MNGD SVC; HP 2y PW Ah 9x5w/DMR PgWd Clr 776xx MNGD SVC; HP 1y PW 4h 9x5w/DMR PgWd Clr 776xx MNGD SVC; HP 2y Clr 2x

Learn more at

hp.com

¹ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star value typically based on measurement of 115V device. ² Based on the BA TEC method with the following possible exceptions: T minute or less sleep delay setting, W-Fr disabled. ³ Average color composite (C/M/Y) and black declared yields based on ISO/IEC 24711 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/ leanaboutsupplies.⁴ Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17 ⁵ ISO speeds measured using ISO/IEC 24734. Excludes first page or first set of ISO test pages. For details see http://www.hp.com/go/ http://www.hp.com/go/printerclaims ⁶ Exact speed varies depending on the system configuration, software application, driver and document complexity.

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HP A3 PageWide Color MFP E77660dns 60PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail and USB), 200 Sheet Document Feeder, Duplex, Staple Finisher and 1 Adjustable 550 Sheet Tray.

Part #	Description	List Price
2CF57A	Base Engine for E77660dns	\$18,236.00
2GP08A	Speed Option for E77660dns	\$4,773.00
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
P1V19A	Cassette - 2 x 2000 Sheets Plus Stand	\$5,240.87
CC487A	Fax	\$348.00



HP PageWide Managed Color Flow MFP E77660z

HP Managed MFPs and printers are optimised for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.







Affordable colour printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low cost per colour page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.²
- Print even faster—and save even more per page—by setting this printer to General Office mode.³
- Help keep energy costs down with the most efficient printer in its class.⁴

Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide Managed MFP designed for the least maintenance in its class.⁵
- Print speeds up to 50% faster than competitors—as fast as 80 ppm in colour and black-and-white.⁶
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.⁷



The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Protect information on the MFP and in transit over the network, and store data on the encrypted hard disk.⁸
- Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.



Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
 - Enter data more quickly and accurately using the pull-out keyboard.
 - Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimised.
 - Load up to 200 pages into the automatic document feeder for fast, unattended scanning.
- Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <u>hp.com/go/PrintersThatProtect</u>. For more information: <u>hp.com/go/Printersecurityclaims</u> High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with
- HP 982A series Original PageWide Cartridges. Learn more at <u>hp.com/go/learnaboutsupplies</u> Comparison based on printing in Professional Mode.

- assume 600,000 pages printed (using a 60% black/40% colour ratio). Learn more at <u>hp.com/go/pagewideclaims</u> Comparison of HP PageWide A3 devices with the majority of in-class colour ink/laser MFPs (\$3000-\$7499), and colour ink/laser single function printers (\$1500-\$2999) as of April 2017; market share as
- reported by IDC as of Q4 2016, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at <u>hp.com/go/printerspeeds</u> Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hp.connected.com
- Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity

Energy claim based on TEC data reported on energystar.gov as of March 2017. Data normalized to determine energy efficiency of in-class A3 colour laser printers (\$1500-\$2999) and MFPs (\$3000-\$7499) as of February 2017, excluding other HP PageWide products. Subject to device settings. Actual results may vary. Fewer service parts claim based on BLI analysis of leading in-class A3 MFPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and

Technical specifications

Functions Print	Print, copy, scan, fax (optional)
Duplex print options	Automatic (standard)
Technology	HP PageWide Technology
Speed ¹	Black: Up to 80 ppm (General office mode, A4); Up to 60 ppm (Professional mode, A4); Colour: Up to 80 ppm (General Office mode, A4);
First page out ²	Up to 60 ppm (Professional mode, A4); Duplex printing: Black/Colour (Professional mode): Up to 40 ppm Black (A4, ready): As fast as 7.1 seconds; Colour (A4, ready): As fast as 7.1 seconds
Resolution	Black (best): Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte,
	and HP Brochure Matte); Colour (best): Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)
Languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7
HP ePrint capability	Yes
Print cartridges Printer management	4 (1 each black, cyan, magenta, yellow) HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator
Frinter management	Resource Kit for HP Universal Print Driver
Printer smart software features	HP SureStart; Run-time Intrusion detection; Whitelisting; HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web
	Jetadmin; Open Extensibility Platform, FutureSmart Firmware, HP ePrint, Apple AirPrint™, HP Auto-On/Auto-Off technology, HP Color
	Access Control, HP EasyColor, Front-facing USB printing, store print jobs, HP EasyColor, print preview, automatic two-sided printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, booklet printing, cover pages, tray selection, scaling, Portrait/Landscape orientation,
	High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation dpi print modes, Optional: HP and third party
	extensibility solutions; wireless
Scan	
Type Technology	Flatbed, ADF Charge Coupled Device (CCD) & Contact Image Sensor (CIS)
Speed	Single-sided (A4): Up to 120 ipm (black and colour); Two-sided (A4): Up to 240 ipm (black and colour)
Bit depth	24-bit
Resolution	Hardware: Up to 600 ppi; Optical: Up to 600 dpi; Enhanced: Up to 600 ppi
Max scanning size	Flatbed: 297 x 432 mm; ADF: 297 x 432 mm; Up to 297 x 864 mm when "long scan size" selected
Grayscale levels	256
Input modes	Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform
File format	(0XP) applications Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (0CR), Unicode TEXT (0CR), RTF (0CR), Searchable PDF (0CR), Searchable PDF/A (0CR)
r ne format	HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF, ACCR), Searchable PDF, ACCR, Sear
	PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prnpcl, .cht)
Digital sending standard	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book;
features Conv	SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF
Copy Speed ³	Black: Up to 80 cpm (General office mode, A4); Up to 60 cpm (Professional mode, A4);
	Colour: Up to 80 cpm (General office mode, A4); Up to 60 cpm (Professional mode, A4); Colour: Up to 80 cpm (General office mode, A4); Up to 60 cpm (Professional mode, A4)
First copy out ³	Black (letter): As fast as 7.9 seconds; Colour (letter): As fast as 7.9 seconds
Resolution	Black (text and Graphics): Up to 600 × 600 dpi; Colour (text and graphics): Up to 600 × 600 dpi
Max copies	Up to 9,999 copies
Copier reduce/enlarge	25 to 400%
Copier settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto colour detection; Two-sided copying; Image
	adjustments (darkness, background cleanup, sharpness); Job build
Fax (Optional)	
Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Colour (fine): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only);
Transmission speed ⁴	faxes only) Up to 33.6 kbps; 3 sec per page
Fax features	Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring
Display	detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes (poll to receive only); Auto fax reduction supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handset supported: No 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD)
Duty cycle (monthly, A4) ⁵	Up to 250,000 pages
Recommended monthly	2,500 to 50,000 pages
page volume ⁶	
Media	
Custom sizes	Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only
Recommended Weights Types	60 to 220 g/m², 300 g/m² Photo Paper Only Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards
Paper handling	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4),
· · · · · · · · · · · · · · · · · · ·	3x550/stand (A3/A4), HCI (2x2000 sheet A4); Output (standard): 500-sheet output bin
Processor speed	1.2 GHz
Operating system compatibility	Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 3.24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 81/8, 1 all 32-bit editions (Rev Capital 22), Bergerina, Professional, etc.), Windows Yos 32-bit editions (Home, APP no, etc.)
Minimum system requirements	PC: Windows® 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection,
	USB port, Microsoft® Internet Explorer. Windows Vista®: 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD
	drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port,
	Microsoft® Internet Explorer 8; Mac: Apple® OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Yosemite, minimum 1.3 GB
	available HD space; Internet required; USB port
Connectivity	
	2 Li Spaad JSD 2 0 Hast: 1 Li Spaad JSD 2 0 Daviss: 1 Ciashi: Etherapt 10/100/10007 - sturble 1 Hastring Takanati - 0 - 1
Connectivity (Standard)	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket Ontional enabled with nurchase HD letrificer 3000w NEC/Wireless Acreesory
	Optional, enabled with purchase HP Jetdirect 3000w NFC/Wireless Accessory
Connectivity (Standard) Wireless capability	Optional, enabled with purchase HP Jeddrect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint ^M , Google Cloud Print Via HP Jedriect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities	Optional, enabled with purchase HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint [™] , Google Cloud Print Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard)
Connectivity (Standard) Wireless capability Mobile printing capability	Optional, enabled with purchase HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint™, Google Cloud Print Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6: Apple Borjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP,
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols	Optional, enabled with purchase HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint™, Google Cloud Print Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, FTP, Port 9100, LPD, WS Discovery, IPP, Secure:-IPP, IPsec/Firewali; IPv6: DHCPv6, MLCV1, ICMPv6; IPv4: Auto-IP, SLP, Teinet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H)	Optional, enabled with purchase HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint™, Google Cloud Print Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6: Apple Borjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP,
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental	Optional, enabled with purchase HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint™, Gogle Loud Print Via HP Jetdirect Ethernet embedded print server (standard) supports: 108ase-T, 1008ase-Tx, 1000Base-Tx, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, FTP, Port 9100, LPD, WS Discovery, IPP, Secure:-IPP, IPsec/Firewali; IPv6: DHCPv6, MLCV1, ICMPv6; IPv4: Auto-IP, SLP, Tienet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Operating: B13 x 616 x 680 mm (32 x 24.25 x 26.75 in); Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) 69 kg (153 lb)
Connectivity (Standard) Wreless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight	Optional, enabled with purchase HP Jetdirect 3000w NFC/Wireless Accessory HP erbint, Apple AirPrint™, Google Cloud Print Via HP Jetdirect Ethernet erbedded print server (standard) supports: 10Base–T, 100Base–Tx, 100Dase–Tx, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.24 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure: IPP, Psec/Firewall; IPv6.DFUCPV6, MLVD, ILdvol–PS, LPE Intert, GMPv2, BOUTD/DHCP, WINS, IP Direct Mode, WS Print Operating: 813 x 616 x 680 mm (32 x 24.25 x 26.75 in); Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) 69 kg (153 lb)
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment	Optional, enabled with purchase HP letdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint [™] , Google Cloud Print Wa HP letdirect Ethernet embedded print server (standard) supports: 10Base–T, 100Base–T, 100Base–T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, FTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPV, IPsec/Firewalt; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Teinet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Operating: B13 x 6165 x 680 mm (32 x 24.25 x 26.75 in); Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) 69 kg (153 lb) Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH; Operating temperature range: 15 to 30° C (59 to 86° F); Recommended operating temperature range: 17 to 25° C (63 to 77° F); Non-operating humidity range: 10 to 80% RH; Storage before initial setup (Non-Purged):-40 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (32 to 140° F)
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics	Optional, enabled with purchase HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint™, Gogle Cloud Print Via HP Jetdirect Ethernet embedded print server (standard) supports: 108ase-T, 1008ase-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure:-IPR, IPsec/Firewall; IPv6: DHCPv6, MLDV1, ICMPv6; IPv4: Auto-IP, SLP, Tienet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Operating: B13 x 616 x 680 mm (32 x 24.25 x 26.75 in); Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) 69 kg (153 lb) Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH; Operating temperature range: 15 to 30° C (59 to 66° F); Recommended operating temperature range: 10 to 80% RH; Storage before initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Purged): to 60° C (21 to 140° F); Storage after initial setup (Purged): to 60° C (21 to 140° F); Acoustic power emissions: 6.8 B(A); Acoustic power emissions (active copy); 7.0 B(A); Acoustic power emissions (ready): Inaudible; Acoustic pressure emissions: 7.2 B(A) (canning at 129 ppm with ADF running); Acoustic pressure emissions bystander (active scan); 7.2 B(A) (scanning at 129 ppm with ADF running);
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics	Optional, enabled with purchase HP letdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint [™] , Google Cloud Print Wa HP letdirect Ethernet embedded print server (standard) supports: 10Base–T, 100Base–T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6.Taple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTR HTTPS, FTR TFTR, Port 9100, LPD, WS Discovery, IPR, Secure-IPR IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4.Auto-IP SLP Teinet, (SMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Operating H13 x 616 x 680 mm (32 x 24.25 x 26.75 in); Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) 69 kg (153 lb) Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH; Operating temperature range: 15 to 30° C (59 to 86° F). Recommended operating temperature range: 17 to 25° C (63 to 77° F). Non-operating humidity range: 10 to 80% RH; Storage before initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-40 to 140° F). Acoustic power emissions: 6.8 B(A); Acoustic power emissions (active copy): 7.0 B(A); Acoustic power emissions (ready): Inaudible; Acoustic power emissions (active scan): 7.2 B(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions systander (ready): Inaudible; Acoustic power emissions (active scan): 7.2 B(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions systander (active scan): 5.7 dB(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions systander (active scan): 5.7 dB(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions bystander (active scan): 5.7 dB(A) (scanning at 129 ppm with ADF running); Acoustic pressure emi
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics Power specifications	Optional, enabled with purchase HP Jeddirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPint™, Google Cloud Print Wa HP Jetdirect Ethernet embedded print server (standard) supports: 10Base–T, 100Base–T, 100Base–T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPval/Pvic Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6; DHCPv6, MLDv1, ICMPv6; IPv4; Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Operating: B13 x 616 x 680 mm (32 x 24.25 x 26.75 in), Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) 69 kg (153 lb) Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH; Operating humidity range: 10 to 80% RH; Storage before initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-20 to 140° F) Acoustic power emissions: 6.8 B(A); Acoustic power emissions (active copy): 7.0 B(A); Acoustic power emissions (ready): Inaudible; Acoustic power emissions (ready): Inaudible; Acoustic power emissions (Facl A). (printing at 61 ppm); Acoustic pressure emissions Bystander (ready): Inaudible; 7.0 B(A) (scanning at 129 ppm with ADF running). Power supply type: Internal (B4) (scanning at 129 ppm with ADF running); Acoustic pressure emissions Bystander (ready): Inaudible; 7.0 B(A) (scanning at 129 ppm with ADF running). Power supply type: Internal (B40) (scanning at 129 ppm with ADF running); Acoustic pressure emissions Bystander (ready): Inaudible; 7.0 B(A) (scanning at 129 ppm with ADF running). Power s
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics Power specifications	Optional, enabled with purchase HP letdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint [™] , Google Cloud Print Wa HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-T, 100Base-T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6.Taple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTR HTTPS, FTP, FTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP.S.P. Tenet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Operating: 813 x 616 x 680 mm (32 x 24.25 x 26.75 in); Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) 69 kg (153 lb) Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH; Operating humidity range: 15 to 30° C (59 to 86° F). Recommended operating temperature range: 17 to 25° C (63 to 77° F); Non-operating humidity range: 10 to 80% RH; Storage before initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 80° K- 400 to 140° F); Storage after initial setup (Purged): 10 to 80° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 80° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 80° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 80° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 80° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 80° C (-
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics Power specifications Software included	Optional, enabled with purchase HP letdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPint™, Google Cloud Print Wa HP letdirect Ethernet embedded print server (standard) supports: 10Base–T, 100Base–T, 100Base–T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPval/IveC inple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP. HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Teinet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Operating: B13 x 616 x 680 mm (32 x 24.25 x 26.75 in), Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) 69 kg (153 lb) Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH; Operating humidity range: 10 to 80% RH; Storage before initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-20 to 140° F); Accustic power emissions: 6.8 B(A); Acoustic power emissions factive copy): 7.0 B(A); Acoustic power emissions (ready); Inaudible; Acoustic power emissions (active scan); 7.2 B(A) (scanning at 129 ppm with ADF running). Power supply type: Internal (Buil-In) power supply: Power supply: Power supply: Roust pressure emissions bystander (active scan); 7.3 B(A) (scanning at 129 ppm with ADF running). Power supply tpe: Internal (Buil-In) power supply: Power supply: Power supply: Roust pressure emissions bystander (active scan); 7.3 A(A) (scanning at 129 ppm with ADF running). Power supply tupe: Internal (Buil-In) power supply: Power supply: Reuser supply: Rouser supply: Roust pressure emissions bystander
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics Power specifications Software included Warranty	Optional, enabled with purchase HP letdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint™, Google Cloud Print Wia HP letdirect Ethernet embedded print server (standard) supports: 10Base–T, 100Base–T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, FTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewali: IPv6: DHCPv6, MLDv1, ICMPv6: IPv4: Auto-IP, SLP, Tehnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Operating: B13 x 616 x 680 mm (32 x 24.25 x 26.75 in); Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) 69 kg (133 lb) Operating thermet; IPsc, Storage defore initial setup (Non-Purged): -400 to 60° C (-40 to 140° F); Storage after initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Norage): 0 to 60° C (32 to 140° F) Acoustic power emissions: 6.8 B(A); Acoustic power emissions (active copy): 7.0 B(A); Acoustic power emissions (ready): Inaudible; Acoustic power emissions (stative scan); 7.2 B(A) (scanning at 129 ppm with ADF running). Power supply type: Internal (Built-Ini power supply: Rouired: Input voltage: 100 to 240 VAC, 50/60 Hz; Power consumption (660 watts (print/kopy), 42 watts (sleep), 0.2 watts (auto-off), 2.2 watts (dors); Toos 240 VAC, 50/60 Hz; Power consumption (660 watts (print/kopy), 42 watts (sleep), 0.2 watts (auto-off), 2.2 watts (ange: 100 to 240 VAC, 50/60 Hz; Power consumption (660 watts (print/kopy), 42 watts (sleep), 0.2 watts (auto-off), 0.2 watts (aff); Typical Electricity Consumption (FEC)*; Tab, Consure for printer Driver, H
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment	Optional, enabled with purchase HP letdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint [™] , Google Cloud Print Wa HP letdirect Ethernet embedded print server (standard) supports: 10Base–T, 100Base–T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6: Apple Boijour Compatible (Mac OS 10.24 or higher), SNMPv1/v2c/v3, HTTR HTTPS, FTR TFTP, Port 9100, LPD, WS Discovery, IPR, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Operating: 813 x 616 x 680 mm (32 x 24.25 x 26.75 in), Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) Operating: Humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH; Operating temperature range: 15 to 30° C (59 to 86° F), Recommended operating temperature range: 17 to 25° C (63 to 77° F); Non-operating humidity range: 10 to 80% RH; Storage before initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-20 to 140° F) Acoustic power emissions: 6.8 (A); Acoustic power emissions (active copy): 7.0 B(A); Acoustic power emissions (ready): Inaudible; Acoustic power emissions (active scan); 7.2 B(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions bystander (ready): Inaudible; Acoustic power emissions (active scan); 7.2 B(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions bystander (active scan); 7.4 B(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions bystander (active scan); 7.4 B(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions bystander (active scan); 7.4 B(A) (scanning at 129 ppm with ADF running); Acoustic pressure emissions bystander (scan); AdV (scan); AdV (scan);
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics Power specifications Software included Warranty What's in the box Safety and regulatory	Optional, enabled with purchase HP letdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint [™] , Google Cloud Print Wa HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-T, 100Base-T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) IPv4/IPv6.Apple Bonjour Computible (Mac OS VID.24 or higher), SNMPv1/v2c/v3, HTTR HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-HS.12, Teinet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Operating Humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH; Operating thumidity range: 10 to 80% RH; Recommended operating humidity range: 31 to 25° C (53 to 77° F); Non-operating humidity range: 10 to 80% RH; Storage before initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 10 to 740 KI, Storage after initial setup (Purged): 10 to 740 KI, Storage after initial s
Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics Power specifications Software included Warranty What's in the box	Optional, enabled with purchase HP letdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPint™, Google Cloud Print Wa HP Jetdirect Ethernet embedded print server (standard) supports: 10Base–T, 100Base–T, 100Base–T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPSec (standard) IPv4/IPV6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SMMPv1/v2z/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPSec/Firewall; IPv6; DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Teinet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print Operating: B13 x 616 x 680 mm (32 x 24.25 x 26.75 in), Maximum: 896 x 718 x 680 mm (35.25 x 28.25 x 26.75 in) 69 kg (153 lb) Operating humidity range: 10 to 80% RH; Recommended operating humidity range: 30 to 70% RH; Operating humidity range: 10 to 80% RH; Storage before initial setup (Non-Purged): -40 to 60° C (-40 to 140° F); Storage after initial setup (Purged): 0 to 60° C (-32 to 140° F) Acoustic power emissions: 5.6 8 IA(), Acoustic power emissions (active copy): 7.0 B(A); Acoustic power emissions (ready): Inaudible; Acoustic pressure emissions (Pac) (Sh O Hz) (Pourged): Inaudible; Acoustic pressure emissions (Pac) (Sh O Hz) (Pourged): Inaudible; Acoustic pressure emissions Systander (ready): Inaudible; 7.0 dB(A) (scanning at 129 ppm with ADF running). Acoustic pressure emissions Systander (Pac): Inaudible; Acoustic pressure emissions Bystander (Pac): Inaudible; Acoustic power supply; Power supply; Power supply; Power supply (Pau): Inaudible; Rocustic pressure emissions (Pac): Sh O (Pac), Pac) (Pac), Pac), Pac)

Ordering information

Number J7Z03A	Description HP PageWide Managed (Color Flow MFP E77660z	
Accessories (Option	ial)		
Number	Description		
P1V16A P1V17A	HP PageWide Managed	550-sheet Paper Tray	
P1V17A P1V18A		550-sheet Paper Tray and Stand x550-sheet Paper Tray and Stand	
P1V19A	HP PageWide Managed 4000-sheet HCI Paper Tray and Stand		
A7W99A	HP PageWide 550-sheet Paper Tray		
W1B50A W1B51A	HP PageWide 550-sheet Paper Tray and Stand		
V1B52A	HP PageWide 3x550-sheet Paper Tray and Stand HP PageWide 4000-sheet HCI Paper Tray and Stand		
35L29A	HP High-Performance Secure Hard Disk		
35L28A	HP Internal USB Ports		
35L31A -5K48A	HP Foreign Interface Harness HP 1 GB x32 144-pin (800 MHz) DDR3 SODIMM		
18031A	HP T GB x 32 144-pin (800 MHz) DDR3 SODIMM HP Jetdirect 2900nw Print Server		
8030A	HP Jetdirect 3000w NFC/Wireless Accessory		
C487A	HP LaserJet MFP Analog	Fax Accessory 500	
Replacement Cartri	dges and LLC's ⁹		
Number	Description		
MOK31XC		t PageWide Cartridge (22,000)	
40K08XC 40K12XC		PageWide Cartridge (16,000) act PageWide Cartridge (16,000)	
40K27XC		ct PageWide Cartridge (16,000)	
W1B44A		uid Container (~150,000 pages)	
W1B43A	HP PageWide Printhead	Wiper Kit (~150,000 pages)	
W1B45A	HP PageWide Roller Kit (~150,000 pages)	
Recommended Pap	ers ¹⁰		
Number	Description		
Z7S68A	HP PageWide Bro GL A3 10		
Z7S67A	HP PageWide Bro GL A4 20		
lease visit hp.com	/apac/paper for more deta	ils.	
HP Care Packs			
	Description		
Number J9RL1E	Description HP 1-year Next Business	5 Day w/DMR PaneWide	
JULIE	Color 776xx Managed SV		
J9RL2E	HP 3-year Next Busines		
	Color 776xx Managed SV		
U9RL4E	HP 5-year Next Busines		
U9RL5E	Color 776xx Managed SV HP 3-year 4h9x5w/DMR		
USKLOE	Managed SVC	Pagewide Color 776xx	
U9RL7E	HP 5-year 4h9x5w/DMR	PageWide Color 776xx	
	Managed SVC	-	
J9JT2E	HP Installation Service v	v Network Workgroup Printer	
Protect your invest	ment with HP Care Pack. L	et HP certified engineers.	
	ical issues. For more detai	ls on HP Care Pack, go to	
hp.com/go/cpc			
HP Inc offices			
Australia	(613) 8833 5000	hp.com.au	
China	(010) 6564 3888	hp.com.cn	
Hong Kong	(852) 3559 7777	hp.com.hk	
India	(80) 2612 9000	hp.com/in	
Indonesia Korea	(62-21) 5799 1088 (02) 2199 0114	hp.com/id hp.co.kr	
Malaysia	(603) 2332 3333	hp.com.my	
New Zealand	(09) 918 9555	hp.co.nz	
Philippines	(632) 888 5900	hp.com/ph	
Singapore	(65) 6275 3888	hp.com.sg	
Taiwan Thailand	(02) 8722 9000 (662) 353 9500	hp.com.tw	
Vietnam	(848) 3823 4151	hp.com/th hp.com/vn	
	untries, please fax your que	ldives • Nepal • Pakistan • Srilanki	
	on, please visit us at hp.com		
and the			
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¹ ISO speeds measu	red using ISO/IEC 24734. Ex	cludes first page or first set of	
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HP A3 Color PageWide Flow MFP E77660z 60PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR and USB), 200 Sheet Document Feeder, Duplex, Exit Tray and 1 Adjustable 550 Sheet Tray.

Part #	Description	List Price
2CF58A	E776z Flow MFP Base Printer	\$16,957.00
2GP11A	Speed Option for E77660z	\$4,816.00
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
P1V19A	Cassette - 2 x 2000 Sheets Plus Stand	\$5,240.87
CC487A	Fax	\$348.00



HP PageWide Managed Color Flow MFP E77660zs

HP Managed MFPs and printers are optimised for managed environments. Offering increased monthly page volumes and fewer interventions, this portfolio of products can help reduce printing and copying costs. See your HP Authorized Reseller for details.







Affordable colour printing for every office

- Depend on lasting value. Get the results you expect for a game-changing low cost per colour page.
- Print more pages and replace cartridges less often with optional high-yield cartridges.²
- Print even faster—and save even more per page—by setting this printer to General Office mode.³
- Help keep energy costs down with the most efficient printer in its class.⁴

Minimal interruptions. Maximum uptime.

- Minimize interruptions with an HP PageWide Managed MFP designed for the least maintenance in its class.⁵
- Print speeds up to 50% faster than competitors—as fast as 80 ppm in colour and black-and-white.⁶
- Tailor this MFP to the needs of your business with a wide range of paper-handling accessories.
- Scan files directly to Microsoft[®] Office 365 and SharePoint, plus email, USB, and network folders.⁷



The world's most secure printing¹

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Protect information on the MFP and in transit over the network, and store data on the encrypted hard disk.⁸
- Monitor activity to detect and stop attacks, then automatically reboot with run-time intrusion detection.
- Whitelisting checks firmware during startup to help ensure it's authentic, good code—digitally signed by HP.



Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
 - Enter data more quickly and accurately using the pull-out keyboard.
 - Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimised.
 - Load up to 200 pages into the automatic document feeder for fast, unattended scanning.
- The image shown above is with a 5 trav stand accessory and may vary based on the choice of accessory ordered by customer.
- Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit <u>hp.com/go/PrintersThatProtect</u>. For more information: <u>hp.com/go/printersecurityclaims</u> High-yield cartridges are not included in printer purchase; purchase separately. Comparison is based on ISO 24711 cartridge yields for HP 982X series High-Yield Original PageWide Cartridges compared with
- HP 982A series Original PageWide Cartridges. Learn more at <u>hp.com/go/learnaboutsupplies</u>
- Comparison based on printing in Professional Mode. Energy claim based on TEC data reported on energystar.gov as of March 2017. Data normalized to determine energy efficiency of in-class A3 colour laser printers (\$1500-\$2999) and MFPs (\$3000-\$7499) as of February 2017, excluding other HP PageWide products. Subject to device settings. Actual results may vary. Fewer service parts claim based on BLI analysis of leading in-class A3 MFPs as of August 2016; calculations use publicly available and/or published manufacturer rated yields for long-life consumables and
- assume 600,000 pages printed (using a 60% black/40% colour ratio). Learn more at hp.com/go/pagewideclaims
- Comparison of HP PageWide A3 devices with the majority of in-class colour ink/laser MFPs (\$3000-\$7499), and colour ink/laser single function printers (\$1500-\$2999) as of April 2017; market share as
- reported by IDC as of Q4 2016, excluding other HP PageWide products. HP PageWide speeds based on General Office mode and exclude first page. Learn more at hp.com/go/printerspeeds Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com
- Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity

Technical specifications

Functions Print	Print, copy, scan, fax (optional)
Duplex print options	Automatic (standard)
Technology	HP PageWide Technology
Speed ¹	Black: Up to 80 ppm (General office mode, A4); Up to 60 ppm (Professional mode, A4); Colour: Up to 80 ppm (General Office mode, A4); Up to 60 ppm (Professional mode, A4); Duplex printing: Black/Colour (Professional mode): Up to 40 ppm
First page out ²	Black (A4, ready): As fast as 7.1 seconds; Colour (A4, ready): As fast as 7.1 seconds
Resolution	Black (best): Up to 1200 x 1200 optimised dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Colour (best): Up to 2400 x 1200 optimised dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)
Languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation; PDF 1.7
HP ePrint capability	Yes
Print cartridges	4 (1 each black, cyan, magenta, yellow)
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver
Printer smart software features	HP SureStart; Run-time Intrusion detection; Whitelisting; HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmin; Open Extensibility Platform, FutureSmart Firmware, HP ePrint, Apple AirPrint [™] ; HP Auto-On/Auto-Off technology, HP Color Access Control, HP EasyColor, Front-Faigi USB printing, store print jobs, HP EasyColor, print preview, automatic two-ided printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, booklet printing, cover pages, tray selection, scaling, Portrait/Landscape orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation dpi print modes, Optional: HP and third party extensibility solutions; wrietes
Scan	enchalonity automation at the case
Туре	Flatbed, ADF
Technology Speed	Charge Coupled Device (CCD) & Contact Image Sensor (CIS) Single-sided (A4): Up to 120 ipm (black and colour); Two-sided (A4): Up to 240 ipm (black and colour)
Bit depth	24-bit
Resolution	Hardware: Up to 600 ppi; Optical: Up to 600 dpi; Enhanced: Up to 600 ppi
Max scanning size	Flatbed: 297 x 432 mm; ADF: 297 x 432 mm; Up to 297 x 864 mm when "long scan size" selected
Grayscale levels Input modes	256 Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform
input modes	(OXP) applications
File format	Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pd, .cht)
Digital sending standard features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Colour Sense; Auto Crop To Content; Compact PDF
Сору	
Speed ³	Black: Up to 80 cpm (General office mode, A4); Up to 60 cpm (Professional mode, A4);
First copy out ³	Colour: Up to 80 cpm (General office mode, A4); Up to 60 cpm (Professional mode, A4) Black (letter): As fast as 7.9 seconds; Colour (letter): As fast as 7.9 seconds
Resolution	Black (text and Graphics): Up to 600 × 600 dpi; Colour (text and graphics): Up to 600 × 600 dpi
Max copies	Up to 9,999 copies
Copier reduce/enlarge Copier settings	25 to 400% Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content
copier settings	orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto colour detection; Two-sided copying; Image
ax (Optional)	adjustments (darkness, background cleanup, sharpness); Job build
Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Colour (fine): Up to 300 x 300 dpi (400 x 400 dpi for received
	faxes only)
Transmission speed ⁴ Fax features	Up to 33.6 kbps; 3 sec per page Faxing: Optional; Faxing options (ADF): Simultaneous Two-Sided; Auto-Redialling: Yes; Fax delayed sending: No; Distinctive ring
Display Duty cycle (monthly, A4) ^s	detection supported: No; Fax forwarding supported: Yes; Fax polling supported: Yes (poll to receive only); Auto fax reduction supported: Yes; Fax telephone mode supported: No; Junk barrier supported: Yes; PC interface supported: Yes; Fax broadcasting, max locations: 210; Telephone handest supported: No 20.3 cm (8.0 in) touchscreen, XVA Colour Graphic Display (CGD) Up to 250,000 pages
Recommended monthly page volume ⁶	2,500 to 50,000 pages
Media	
Custom sizes	Tray 1: 99.1 x 127 to 304.8 x 457.2 mm; Tray 2-5: 210.1 x 148.1 to 297.2 x 431.8 mm; HCI Trays 3 & 4: A4 & Letter Only
Recommended Weights Types	60 to 220 g/m², 300 g/m² Photo Paper Only
.),,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Paper (Plain, Inkief, Inkief Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards
Paper handling	Paper (Plain, Inkjet, Inkjet Brochure/Glossy), Photo Paper, Envelopes, Labels, Cards Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4),
	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HCI (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapler stacker
Paper handling Processor speed Operating system compatibility	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), Hd (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet staper stacker Android, Linux Boss (5,0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17, 11, 7.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows SV8.1 all 32- & 64-bit editions (kending RT OS for Tablets) Windows VISE all 32bit editions (Home Ray; Premium, Professional, etc.), Windows SV8.3 all 32-bit editions (Home, XP Pro, etc.)
Processor speed Dperating system compatibility Minimum system requirements	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HCI (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapler stacker 1.2 GHz Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Wohrtu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets)
Processor speed pperating system compatibility Ainimum system requirements	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HC (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapleret stacker 1.2 GHz Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mont (17, 17, 17, 2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (132, 4.2.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.1.2 Sierra, OS X 10.10 Vosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32-8 64-bit editions, Windows 8/8, 1al 32-8 64-bit editions, Windows 8/8, 1al 32-8 64-bit editions, Windows 78, 1al 32-8 64-bit editions, Windows 78, 1al 32-8 64-bit editions, Windows 78, 1al 32-8, 1ad-bit editions (PH Pome, etc.) PC: Windows ⁶¹ 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, (D-ROM/DVD drive or Internet Connection, USB port, Microsoft® Internet Explorer. Windows Vista ⁸ : 800 MHz processor (32-bit only), 2 GB available hard disk space, (D-ROM/DVD drive or Internet connection, Liceleron® or 23 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, Liceleron® or 23 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Spolere 8; Mac: Apple® OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space, Internet required, USB port
Processor speed pperating system compatibility Minimum system requirements	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), Hd (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet staper stacker 1.2 GHz Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Ment (17, 17, 17, 17, 21, 17, 31), Linux Reb 4ta Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Libuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- 8.64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- 8.64-bit editions, Windows 8/81, all 32-8. 64-bit editions (RC NG for Tablets) Windows Y514 all 32bit editions (Home Basic, Premium, Professional, etc.), Windows 78.23-bit editions (RC NG RO S) for Tablets) Windows Y514 all 32bit editions (Home Basic, Premium, Professional, etc.), Windows Y512 all 32-bit editions (RC NG RO S) (So Trablets), Windows Y514, RC NG RO S) (So Trablets), RC RO RO RO ND RO Therenet Explorer & Windows Y514, RC NG RO RO S) (So Trablets), RC RO
Processor speed pperating system compatibility Ainimum system requirements	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HC (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapler stacker Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Feddra (22, 23, 24), Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Feddra (22, 23, 24), Linux Min (17, 1, 7.1, 7.2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13, 2, 4.21), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.1.2 Sierra, 05 X 10.10 Vosemite, 05 X 10.11 EL Capitan, UNIX, Windows 10 all 32-8 64-bit editions, Windows 8/8 1 all 32-8 64-bit editions, Windows 8/8 9 32-bit editions (Meme Basic, Premium, Professional, etc.), Windows 7/8 P32-bit editions (Meme Basic, Premium, Professional, etc.), Windows 7/8 P32-bit editions (Meme Basic, Premium, Viange 8/8 0 P4), all 32-bit editions (Meme Basic, Premium, Professional, etc.), Windows 7/8 P32-bit editions (Meme Basic, Pange 8/8 0 P4), all 10, 10, 10, 10, 10, 10, 10, 10, 10, 10,
rrocessor speed perating system compatibility Ainimum system requirements <u>connectivity</u> Connectivity (Standard) Wireless capability	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), Hd (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet slapker stacker 1.2 GHz Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Feddra (22, 23, 24), Linux Mont (71, 7.1, 7.1, 7.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- 8.64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- 8.64-bit editions, Windows 878.1 all 32-8. 64-bit editions (lexicuting RT OS for Tablets) Windows (78.13.2, 4.2.1), Linux (Bed Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- 8.64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- 8.64-bit editions, Windows SY 83.2 all 32-bit editions (RV Home, XP Pro, etc.) PC : Windows (78.10, 8.1, 7.1 GHz 32-bit or 64-bit processional, etc.), Windows 78 P3 32-bit editions (SV HOME, CPMCM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows 78 P3 P3 or higher (32-bit onli): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8, Windows SV 10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet Required; USB port 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket Optional, enabled with purchase of HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AiPrint ^{17,6} , Google Cloud Print
Processor speed Dperating system compatibility Minimum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), H1 (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet staker 1.2 GHz Android, Linux Boss (S.0), Linux Debian (70, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Boss (S.0), Linux Debian (70, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mit (17, 17.1, 17.2, 17.3, 17.1, 17.2, 17.3, 17.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Mit (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Ubutu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Vosemite, OS X 10.11 El Capitan, UNIX, Windows 10 al 32- 8.64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-8, 64-bit editions, Windows X 81.3 al 32-bit editions (excluding RT OS for Tablets), Windows 7 all 32-8, 64-bit editions, Windows X 92.33-bit editions (excluding RT OS for Tablets), Windows Vista [®] , 800 MHz processor (32-bit only), 2.6 Bavailable hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows Vista [®] , 800 MHz processor (32-bit only), 2.0 Bavailable hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows Vista [®] , 800 MHz processor (32-bit only), 2.0 Bavailable hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows Vista [®] , 800 MHz processor (32-bit only), any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, 8 Mac: Apple [®] OS X v10.11 El Capitan, OS X v10.10 Yosemite, minimum 1.3 GB available Hospace; Internet required, USB port 2 Hi-Speed USB
rrocessor speed rrocessor speed inimum system compatibility inimum system requirements connectivity Connectivity Connectivity Mobile printing capability Mobile printing capability Supported network protocols	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), Hd (2x2000 sheet Ad); Output (standard): 500-sheet output bin; 350-sheet staper stacker 1.2 GHz Android, Linux Boss (5,0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Pedora (22, 23, 24), Linux Boss (5,0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Pedora (22, 23, 24), Linux Ment (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6,0, 7.0), Linux SUSE (13.2, 24.1), Linux Ubuntu (12.04, 14.04, 15.10, 15.04, 16.10), OS macOS 10.12 Siera, OS X 10.10 Vosemite, OS X 10.11 El Capitan, UNIX, Windows 10 al 32- 8 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- 8 64-bit editions, Windows 8/8.1 all 32-8. 64-bit editions (RevCuding RT OS for Tablets), Windows 7 all 32- 8.64-bit editions, Windows 82 32-bit editions (RevCuding RT OS for Tablets), Windows 7 all 32-8. 64-bit editions, Windows 92 32-bit editions (RevCuding RT OS for Tablets), Windows 7 all 32-8. 64-bit editions, Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 all 32-8. 64-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-bit editions (RevCuding RT OS for Tablets), Windows 7 and 32-
Arocessor speed perating system compatibility Animum system requirements Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H)	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HC (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapter stacker Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Min (17, 1, 7.1, 7.2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13, 2, 4.21), Linux Libuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.1.2 Sierra, 05 X 10.10 Vosemite, 05 X 10.11 EL Capitan, UNIX, Windows 10 all 32-8 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-8 64-bit editions, Windows XP 83 32-bit editions (excluding RT OS for Tablets) Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP 593 32-bit editions (September 20, etc.) PC : Windows [®] 10, 8.1, 8, 7: 1 GH2 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DUD drive or Internet connection, USB port, Microsoft® Internet Explorer. Windows Vista [®] : 80 OH4 available hard disk space, CD-ROM/DUD drive or Internet connection, USB port, Microsoft® Internet Explorer 8, Mac: Apple [®] 05 X v10.12 Sierra, 05 X v10.11 EL Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required, USB port 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket Optional, enabled with purchase of HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple
Processor speed Processor speed Processor speed Processor speed Inimum system compatibility Inimum system requirements Connectivity Connectivity Connectivity Mobile printing capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), Hd (2x2000 sheet Ad); Output (standard): 500-sheet output bin; 350-sheet staper stacker 1.2 GHz Android, Linux Boss (5,0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Pedora (22, 23, 24), Linux Boss (5,0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Pedora (22, 23, 24), Linux Ment (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6,0, 7.0), Linux SUSE (13.2, 24.1), Linux Ubuntu (12.04, 14.04, 15.10, 1.60, 4, 16.10), OS macOS 10.12 Siera, OS X 10.10 Vosemite, OS X 10.11 El Capitan, UNIX, Windows 10 al 32- 8.46-bit editions (excluding RT OS for Tablets), Windows 7 all 32- 8.64-bit editions, Windows 8/8.1 all 32-8. 64-bit editions (Rev Colding RT OS for Tablets), Windows 7 all 32- 8.64-bit editions, Windows 8/8.1 all 32-8. 64-bit editions (Rev Colding RT OS for Tablets), Windows 7 all 32-8. 64-bit editions, Windows 9/8.2 all 32-8. deitoins (Rev Colding RT OS for Tablets), Windows 7 all 32-8. 64-bit editions, Windows 7 all 32-8. 64-bit editions (Rev Colding RT OS for Tablets), Windows 7 all 32-8. 64-bit editions (Rev Colding RT OS for Tablets), Windows 7 and 32-8. dealer deitos (Rev Colding RT OS for Tablets), Windows 7 and 32-8. dealer deitos (Rev Colding RT OS for Tablets), Windows 7 and 7.8, 800 MH zoroscoses (0.2-bit moly), 2.68 available hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows 9X PS P3 on higher (12-bit only); any Intel® Pantium® II, Celeron® or 23.3 MHz compatible processor, 850 MB available hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8. Windows 70 S X v10.11 El Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port 2. Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit E
Processor speed Processor speed Processor speed Processor speed Inimum system compatibility Inimum system requirements Connectivity Connectivity Connectivity Mobile printing capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HC (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapter stacker Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Min (17, 1, 7.1, 7.2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13, 2, 4.21), Linux Libuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.1.2 Sierra, 05 X 10.10 Vosemite, 05 X 10.11 EL Capitan, UNIX, Windows 10 all 32-8 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-8 64-bit editions, Windows XP 83 32-bit editions (excluding RT OS for Tablets) Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP 593 32-bit editions (September 20, etc.) PC : Windows [®] 10, 8.1, 8, 7: 1 GH2 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DUD drive or Internet connection, USB port, Microsoft® Internet Explorer. Windows Vista [®] : 80 OH4 available hard disk space, CD-ROM/DUD drive or Internet connection, USB port, Microsoft® Internet Explorer 8, Mac: Apple [®] 05 X v10.12 Sierra, 05 X v10.11 EL Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required, USB port 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket Optional, enabled with purchase of HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple AirPrint ^m , Google Cloud Print Via HP ePrint, Apple
Processor speed Processor speed Processor speed Processor speed Vinimum system compatibility Vinimum system requirements Connectivity Connectivity Connectivity Mobile printing capability Network capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Conventual	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HC (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapet stacker 1.2 GHz Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedora (22, 23, 24), Linux Min (17, 1.7, 1.7, 1.7, 13), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Libuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Vosemite, OS X 10.11 EL Capitan, UNIX, Windows 10 all 32- 8.64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- 8.64-bit editions, Windows SVB.1 all 32-8. 64-bit editions (sectuding RT OS for Tablets) (Windows Yista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows SYB 32-bit editions (sectuding RT OS for Tablets), Windows Yista all 32bit editions (Home, XP Pro, etc.) PC : Windows [®] 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoff® Internet Explorers, Windows VIsta [®] : 800 MHz processor, G2-bit only, 2 dB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoff® Internet Explorers, Windows VIsta [®] : 800 KS v10.12 Sierar, 0S X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet Explorers, Microsoff® Internet Siel VI.0.11 EL Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port HP ePrint, Appel AirPint [®] , Google Cloud Print Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-T, 100Base-T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; HP ePrint, Appel AirDint [®] , Google Cloud Print Via HP Jetdirect Ethernet; PB exectsandard) HP ePrint, Appel Bonjour Compatible Max os 10.2.4 or higher), SNMPv1/v2civ3, HTTR, HTTPS, FTR FTR, Port 9100, LPD, WS Discovery, IPP, Secure-IPR (Psec/Firewal); PW6: D
Processor speed Processor speed Processor speed Processor speed Vinimum system compatibility Vinimum system requirements Connectivity Connectivity Connectivity Mobile printing capability Network capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Conventual	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), Hd (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapler stacker 1.2 GHz Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Feddar (22, 23, 24), Linux Ment (17, 17, 17, 2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Libuntu (12.04, 14.04, 15, 10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 EL Capitan, UNIX, Windows 10 all 32- 8.64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- 8.64-bit editions, Windows SV8.1 all 32- 8.64-bit editions (lexcluding RT OS for Tablets), Windows VS143 all 32bit editions (Home Basic, Premium, Professional, etc.), Windows SY 23-32-bit editions (SV For Tablets), Windows VS143, 32-bit editions (Windows SV 10.3, 22-bit editions, Windows SV 10.3, 22-bit editions (SV For Tablets), Windows VS144, and Yatika VS144, SV 2000 SV 10.12 Sierra, OS X 10.10 Yosemite, Professional, etc.), Windows SY 259 or higher (32-bit only), any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoff® Internet Explorer & Mindows SV 10.12 Sierra, OS X 10.11 EL Capitan, OS X 10.10 Yosemite, minimum 1.3 GB available HD space; Internet Required; USB port 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket Optional, enabled with purchase of HD Jettirect 3000w MFC/Wireless Accessory HP ePrint, Apple AriPrint ¹⁷⁰ , Google Cloud Print Via HP Jettirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-T, 1000Base-T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard) supports: 10Base-T, 100Base-T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (s
rrocessor speed perating system compatibility dinimum system requirements connectivity Connectivity (Standard) Wireless capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Veight invironmental Operating environment Acoustics	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), 1x650/stand (A3/A4), 1x650/stand (A3/A4), 1x61/standard): 500-sheet output bin; 350-sheet stapter tacker. Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Fedara (22, 23, 24), Linux Whart (17, 17, 1, 7.2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), 0.5 mactos 10.12 Sierra, 05 X 10.10 Vosemite, 05 X 10.11 ELGaptan, UNIX, Windows 10 all 32-8 64-bit editions (excluding RT 05 for Tablets) Windows 7 all 32-8 64-bit editions, Windows 9X 18.3 all 32-8 64-bit editions (excluding RT 05 for Tablets) Windows Vistae all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP 593 2-bit editions (Se pace, CD-ROM/DVD drive or Internet Connection, USB port, Microsoff® Internet Explorer 8, Mac: Apple® 05 X v10.12 Sierra, 05 X v10.10 '12-bit only, 2.6 available hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoff® Internet Explorer 8, Mac: Apple® 05 X v10.12 Sierra, 05 X v10.11 ELGaptan, 05 X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet Explorer 8, Mac: Apple® 05 X v10.12 Sierra, 05 X v10.11 ELGaptan, 05 X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port HP ePrint, Apple Air/Print*, Google Cloud Print PP ePrint, Apple Air/Print*, Google Cloud Prin
rrocessor speed rrocessor speed frocessor speed finimum system compatibility finimum system requirements connectivity Connectivity Connectivity Connectivity Mobile printing capability Mobile printing capability Network capability Supported network protocols Jimensions (W x D x H) Weight invironmental Operating environment Acoustics Power specifications	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), Hd (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapler stacker 1.2 GHz Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 5.8, 8.6), Linux Fedora (22, 23, 24), Linux Mint (17, 17.1, 17.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Libuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Siera, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- 8.64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- 8.64-bit editions, Windows 878, 1 all 32-8. 64-bit editions (Rev Colding RT OS for Tablets) Windows VS183 32-bit editions (Home Basic, Premium, Professional, etc.), Windows 78, 23.2-bit editions (excluding RT OS for Tablets) Windows VS184 32-bit editions (Windows 78, 103.2-bit editions, Windows 78, 23.2-bit editions (PA Mome, XP Pro, etc.) PC: Windows [®] 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 26 Bavailable hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows VIsta [®] : 800 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer, Windows VIsta [®] : 800 SV 10.12 Sierra, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet Required; USB port 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket Optional, enabled with purchase of HP Jetdirect 3000w NFC/Wireless Accessory HP ePrint, Apple AirPrint [™] , Google Cloud Print Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-Tx, 100Base-Tx, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; Pisez Gistandard) IPv4/IPv6: Apple Barojcur Compatible (Mac OS v10.2.4 or higher), S
rrocessor speed rrocessor speed frocessor speed finimum system compatibility finimum system requirements connectivity Connectivity Connectivity Mobile printing capability Mobile printing capability Supported network protocols immensions (W x D x H) Veight coperating environment Acoustics rower specifications	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), Hd (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapter stacker 1.2 GHz Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Feddar (22, 23, 24), Linux Min (17, 17, 11, 7.2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 EL Capitan, UNIX, Windows 10 all 32- 8.64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- 8.64-bit editions, Windows SVB3. 1all 32-8.64-bit editions (excluding RT OS for Tablets) Windows VStas 13.2bit editions (Home, XP Pro, etc.) PC : Windows [®] 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoff® Internet Explorer & Microsoff® Internet Explorer 8. Windows [®] XP SP3 or higher (32-bit only): any Intel [®] Pentium [®] II, Celeron [®] or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoff® Internet Explorer 8, Mac: Apple [®] OS X v10.12 Siera, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port HP ePrint, Apple AlrPint [®] , Google Cloud Print Via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-T, 100Base-T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPvec (standard) supports: 10Base-T, 100Base-T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPvec (standard) Supports: 10Base-T, 100Base-T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; Pieze (standard) IPv4IPvEc, Ripe Bonjour Computable (Mac OS V.0.2.4 or higher), SMMPv1/v2c/v3, HTTR.HTTPS, FTR TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, Pieze/Firewalt; Pv6: DH
Processor speed Processor speed Processor speed Processor speed Alinimum system compatibility Alinimum system requirements Connectivity Connectivity Connectivity Connectivity Connectivity Mobile printing capability Mobile printing capability Mobile printing capability Motions (W x D x H) Weight Operating environment Acoustics Prower specifications For specifications For the specification	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), Hd (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapler stacker 1.2 GHz Android, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Feddra (22, 23, 24), Linux Ment (17, 17, 17, 2, 17.3, 18), Linux Red Hat Enterprise (6.0, 7.0), Linux SUSE (13.2, 4.2.1), Linux Libuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Yosemite, OS X 10.11 El Capitan, UNIX, Windows 10 all 32- 8.64-bit editions (excluding RT OS for Tablets), Windows 7 all 32- 8.64-bit editions, Windows SYB3 23.2-bit editions (SV Inome, XP Pro, etc.) PC : Windows, Sien (3.3.2, bit of 64-bit processor, 2.6B available hard disk space, (D-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer, Windows Vista®: 800 MHz processor (32-bit only), 2.6B available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer, Windows SV 10.12 Sierra, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet Explorer, Microsoft® Internet Explorer 8. Windows * XP SP3 or higher (32-bit only): any Inte® Pentium® II, Celeron® or 23 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer 8, Mac: Apple® OS X v10.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket Optional, enabled with purchase of HP Jettirect 3000w NFC/Wireless Accessory HP ePrint, Apple AriPrint™, Google Cloud Print Va HP Jettiferet Ethernet embedded print server (standard) supports: 10Base-T, 100Base-T, 1000Base-T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; HPsec (s
Processor speed Processor speed Processor speed Winimum system compatibility Minimum system requirements Connectivity Connectivity Connectivity Mobile printing capability Mobile printing capability Network capabilities Supported network protocols Dimensions (W x D x H) Weight Forvironmental Operating environment Acoustics Power specifications Software included Warranty	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), HC (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapter stacker 23, 24), Linux, Booss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Feddra (2z, 23, 24), Linux, Wohnt (17, 17, 17, 2, 17.3, 18), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13, 2, 4.21), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), OS macOS 10.12 Sierra, OS X 10.10 Vosemite, OS X 10.11 EL Capitan, UNIX, Windows 10 all 32-8 64-bit editions (excluding RT OS for Tablets) Windows 7 all 32-8 64-bit editions, Windows XP 33 2-bit editions (excluding RT OS for Tablets) Windows Vista ⁸ 180 AHz processor, 26 Bavailable hard disk space, CD-ROM/DVD drive or Internet Explorer & Mac. Apple ⁶⁹ OS 440 Har processor, 26 Bavailable hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft [®] Internet Explorer & Mac. Apple ⁶⁹ OS X 10.12 Sierra, OS X 10.11 EL Capitan, USX V10.10 Vosemite, minimum 1.3 GB available HD space; Internet Explorer & Mac. Apple ⁶⁹ OS X 10.12 Sierra, OS X 10.11 EL Capitan, OS X 10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port HP ePrint, "Google Cloud Print PP ePrint, Apple AirPrint*, Google Cloud Print PP ePrint, Apple AirPrint*, Store before initial setup (Non-PPUrged): PA: Store PPURged, WIS, JP Direct Mode, WS Print Ogerating 13: X 615 X 71 mind (32 24.25 X 31.125 in); Maximum: 896 X 718 X 791 mm (35.25 X 28.25 X 31.125 in) 82 kg (181 lb) Operating 14X 59 print mind (32 24.
Ainimum system compatibility Ainimum system compatibility Ainimum system requirements Connectivity Connectivity Connectivity Mobile printing capability Mobile printing capability Network capability Supported network protocols Dimensions (W x D x H) Weight Anvironmental Operating environment Acoustics Power specifications offtware included Warranty Vhat's in the box	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), 1x650, 2x60,
Processor speed Operating system compatibility Minimum system requirements Connectivity Connectivity Connectivity (Standard) Wireless capability Mobile printing capability Mobile printing capabilities Supported network protocols Dimensions (W x D x H) Weight Environmental Operating environment Acoustics Power specifications Software included Warranty What's in the box Safety and regulatory	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray; Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), HC (2x2000 sheet A4); Output (standard): 500-sheet output bin; 350-sheet stapler stacker 2, 2, 4, Linux Boss (5.0), Linux Debian (7.0, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.9, 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6), Linux Feddra (22, 23, 24), Linux Mbunt (17, 1.7, 1.7, 2, 1.7.3, 1.1), Linux Red Hat Enterprise (60, 7.0), Linux SUSE (13, 24, 21), Linux Ubuntu (12.04, 14.04, 15.10, 16.04, 16.10), 0.5 macD5 10.12 Sierra, 05 X 10.10 Vosemite, 05 X 10.11 EL Capitan, UNIX, Windows 10 all 32-8 64-bit editions (windows 9K 31 8.1 all 32-8 64-bit editions (excluding RT OS for Tablets) Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP 593 2-bit editions (kP Home, KP Pro, etc.) PC: Windows ⁶ 10, 8.1, 8, 7: 1 GHz 32-bit or 64-bit processor, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoff [®] Internet Explorer 8, Mac. Apple [®] OS X V10.12 Sierra, OS X V10.11 EL Capitan, USX V10.10 Vosemite, minimum 1.3 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoff [®] Internet Explorer 8, Mac. Apple [®] OS X V10.12 Sierra, OS X V10.11 EL Capitan, OS X V10.10 Vosemite, minimum 1.3 GB available HD space; Internet required; USB port 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket 0 ptional, enabled with purchase of HP Jetdirect 3000w MFC/Wireless Accessory HP ePrint, Apple Air/Int ^{MC} , Google Cloud Print 1 Wa HP ePrint, Apple Air/Int ^{MC} , Google Cloud Print 1 Wa HP ePrint, Apple Air/Int ^{MC} , Google Cloud Print 1 Wa HP ePrint, Apple Air/Int ^{MC} , Google Cloud Print 1 Wa HP ePrint, Apple Air/Int ^{MC} , Google Cloud Print 1 Wa HP ePrint, Apple Air/Int ^{MC} , Google Cloud Print 1 Wa HP ePrint, Apple Air/Int ^{MC} , Google Cloud Print 1 Wa HP ePrint, Apple Air/Int ^{MC} , Google Cloud Print 1 Wa HP ePrint,
Processor speed Processor speed Processor speed Processor speed Immun system compatibility Immun system requirements Connectivity Connectivity Connectivity Mobile printing capability Mobile printing capability Mobile printing capability Supported network protocols Dimensions (W x D x H) Weight Operating environment Acoustics Power specifications Software included Warranty What's in the box	Input (standard): 100-sheet multipurpose tray, 550-sheet input tray, Input (optional): 1x550/tray (A3/A4), 1x550/stand (A3/A4), 3x550/stand (A3/A4), 1x550/stand (A3/A4), 1x550/stand (A3/A4), 1x650, 2x60,

Ordering information

	HP PageWide Managed Color Flow M	FP E77660z		
Accessories (Opti	onal)			
Number P1V16A	Description			
P1V17A	HP PageWide Managed 550-sheet Pa HP PageWide Managed 550-sheet Pa			
P1V18A	HP PageWide Managed 3x550-sheet F			
P1V19A	HP PageWide Managed 4000-sheet HCI	Paper Tray ar		
A7W99A	HP PageWide 550-sheet Paper Tray			
W1B50A W1B51A		HP PageWide 550-sheet Paper Tray and Stand HP PageWide 3x550-sheet Paper Tray and Stand		
W1B52A	HP PageWide 4000-sheet HCI Paper Tray and Stand			
B5L29A		HP High-Performance Secure Hard Disk		
B5L28A	HP Internal USB Ports			
B5L31A	HP Foreign Interface Harness			
E5K48A J8031A	HP 1 GB x32 144-pin (800 MHz) DDR3 SODIMM HP Jetdirect 2900nw Print Server			
J8030A	HP Jetdirect 3000w NFC/Wireless Ac	cessorv		
CC487A	HP LaserJet MFP Analog Fax Accesso			
Replacement Car	tridges and LLC's [®]			
Number	Description			
MOK31XC		HP 993XC Black Contract PageWide Cartridge (22,0 HD 993XC Guan Contract PageWide Cartridge (16,00		
MOKO8XC MOK12XC	HP 993XC Cyan Contract PageWide Cartridge (16,00 HP 993XC Magenta Contract PageWide Cartridge (16,			
MOK27XC	HP 993XC Yellow Contract PageWide			
W1B44A	HP PageWide Service Fluid Container			
W1B43A	HP PageWide Printhead Wiper Kit (~1	50,000 page		
W1B45A	HP PageWide Roller Kit (~150,000 pa	iges)		
Recommended Pa	apers ¹⁰			
Number	Description			
Z7S68A	HP PageWide Bro GL A3 100 sheets FS0			
Z7S67A	HP PageWide Bro GL A4 200 sheets FS0			
Please visit hp.co	m/apac/paper for more details.			
HP Care Packs				
Number	Description			
U9RL1E	HP 1-year Next Business Day w/DMR	PageWide		
	Color 776xx Managed SVC	Deserved		
U9RL2E	HP 3-year Next Business Day w/DMR Color 776xx Managed SVC	PageWide		
U9RL4E	HP 5-year Next Business Day w/DMR	PageWide		
	Color 776xx Managed SVC			
U9RL5E	HP 3-year 4h9x5w/DMR PageWide C	olor 776xx		
	Managed SVC			
U9RL7E	HP 5-year 4h9x5w/DMR PageWide C	olor 776xx		
U9JT2E	Managed SVC HP Installation Service w Network W	orkaroun Pri		
	estment with HP Care Pack. Let HP certific nnical issues. For more details on HP Care			
hp.com/go/cpc	incarissues. For more details of the car	e i uck, go to		
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Hong Kong	(852) 3559 7777 hp.com			
India	(80) 2612 9000 hp.com	/in		
Indonesia	(62-21) 5799 1088 hp.com			
Korea	(02) 2199 0114 hp.co.kr (603) 2332 3333 hp.com			
Malaysia New Zealand	(603) 2332 3333 hp.com (09) 918 9555 hp.co.n:			
Philippines	(632) 888 5900 hp.com			
Singapore	(65) 6275 3888 hp.com			
Taiwan	(02) 8722 9000 hp.com			
Thailand	(662) 353 9500 hp.com			
Vietnam	(848) 3823 4151 hp.com			
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HP A3 Color PageWide Flow MFP E77660zs 60PPM Printer/Copier Quick Reference Sheet

Standard Features: Print, Copy, Scan (Network Folder, E-Mail, OCR and USB), 200 Sheet Document Feeder, Duplex, Staple Finisher and 1 Adjustable 550 Sheet Tray.

Part #	Description	List Price
2CF59A	E776zs Flow MFP Base Printer	\$19,940.00
2GP14A	Speed Option for E77660zs	\$4,816.00
P1V16A	Cassette - 1 x 550 Sheets	\$1,107.83
P1V17A	Cassette - 1 x 550 Sheets Plus Stand	\$2,258.26
P1V18A	Cassette - 3 x 550 Sheets Plus Stand	\$3,749.57
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