

Leading the way in Business Products, Services, and Solutions



State of North Carolina Term Contract 204D

Contract Number: ITS#400096

Contract Period: February 01, 2017 - January 31, 2020

with 2 one year renewals

Hewlett Packard

High Capacity Printer / Multifunction Device Equipment Purchase, Lease, Supplies & Maintenance





HP A3, A4 and PageWide Printing Devices

HP LaserJet Pro M203dw Printer



Get more pages,
performance, and protection
from a wireless HP LaserJet
Pro powered by
JetIntelligence Toner
cartridges. Set a faster pace
for your business: Print
two-sided documents right
away, and easily manage to
help maximize efficiency.

Print Speed: Up to 30 ppm

Print Resolution: Black (best): Up to 1200 x 1200 dpi **Print Technology Resolution:** HP FastRes 1200, HP ProRes

Standard Connectivity: 1 Hi-Speed USB 2.0; 1 Ethernet 10/100 network; Wireless

Standard Memory: 256 MB

Mobile Printing Capability: HP ePrint; Wi-Fi Directprinting; AirPrint1.5 with media presence sensor; Google Cloud Print™ 2.0

Paper Handling: 250-sheet input tray, 10-sheet priority tray; 150-sheet output tray

Display: LED















Fast printing, low energy use

- Print at the pace of business—this printer is equipped with fast two-sided printing.
- Grab the documents you need and go. Print first pages in as fast as 7 seconds.5
- Help save energy with HP Auto-On/Auto-Off Technology.6

Mobile printing made simple

- Print from iPhone® and iPad® with AirPrint®, which automatically scales jobs to the correct paper size.²
- Print directly from your mobile device to your Wi-Fi Direct[®] printer—without accessing the company network.³
- Print with the ease of sending an email, right from a smartphone, tablet, or notebook, using HP ePrint.⁸
- Send jobs from your smartphone, tablet, or PC to any company printer, using Google Cloud Print™ 2.0.4

Manage company-wide printing with confidence

- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.9
- Identify new devices and gain insight into printing with HP Web Jetadmin remote discovery and monitoring.9
- Employ policy-based, fleet-wide protection features, using optional HP JetAdvantage Security Manager.

HP quality—print after print

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Don't be fooled by alternatives that mimic Original HP. Help ensure you're getting the quality you paid for.
- Print over 2x more pages than standard cartridges, using optional Original HP high-yield toner cartridges.
- Get more pages than ever before,1 and track remaining pages to help ensure you get what you paid for.12

¹ Based on ISO/IEC 19752 cartridge yields for HP 30A Black Original LaserJet Toner Cartridges compared with HP 83A Black Original LaserJet Toner Cartridges, and HP 30X High Yield Black Original LaserJet Toner Cartridges. Cempared with HP 83X High Yield Black Original LaserJet Toner Cartridges. Learn more at http://www.hp.com/go/mobileprinting³ Mobile device needs to be connected directly to the signal of a Wi-Fi Direct[®] supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see http://www.hp.com/go/mobileprinting. Wi-Fi Direct[®] supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see http://www.hp.com/go/mobileprinting ⁵ Measured using ISO/IEC 17629. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Learn more at http://www.hp.com/go/mobileprinting ⁵ Measured http://www.hp.com/go/printerclaims ⁶ HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings. ⁷ App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at http://www.hp.com/go/porbleprinting ⁸ Not all HP Web Jetadheiprinting ⁸ Printer requires ePrint account registration. App or software may be required. Learn more at http://www.hp.com/go/mobileprinting ⁸ Not all HP Web Jetadheiprinting ⁸ Not all HP Web Jetadheiprintintinting Security Comparison 1/2015) and Solutions Report on HP JetAdvantage Security

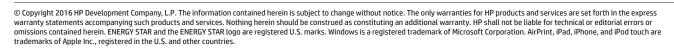
HP LaserJet Pro M203dw Printer Specifications Table

Print Speed	Letter : Up to 30 ppm black; ¹⁰ First Page Out : As fast as 6.6 sec black; ¹²
Print Resolution	Black (best) : Up to 1200 x 1200 dpi
Print Technology	Laser
Print Resolution Technologies	HP FastRes 1200, HP ProRes 1200
Print Cartridges Number	1 Black
Standard Print languages	PCL5c; PCL6; PS; PCLm; PDF; URF; PWG
rinter Smart Software Features	AirPrint1.5 with media presence sensor, Instant-on Technology, HP Auto-On/Auto-Off Technology, JetIntelligence cartridges, Mopria-certified, Wi-Fi Directprinting, Duplex Printing
rinter Management	HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAdvantage Security Manager
tandard Connectivity	1 Hi-Speed USB 2.0; 1 Ethernet 10/100 network; Wireless
letwork Capabilities	10/100 Ethernet
letwork Ready	Standard (built-in Ethernet, Wi-Fi 802.11b/g/n)
Vireless Capability	Yes, built-in Wi-Fi 802.11b/g/n
Aobile Printing Capability	HP ePrint; Wi-Fi Directprinting; AirPrint1.5 with media presence sensor; Google Cloud Print $^{\!$
1emory	Standard: 256 MB; Maximum: 256 MB
Processor Speed	800 MHz / Hard disk: None
Outy Cycle	Monthly, letter: Up to 30,000 pages ¹³
Recommended Monthly Page Volume	250 to 2,500 ¹⁴
Media Types Supported	Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, postcards
1edia Weight Supported	16 to 43 lb
Aedia Sizes Supported	Letter; legal; executive; 8.5 x 13 in; envelopes
Nedia Sizes Custom	3 x 5 to 8.5 x 14 in
Paper Handling	250-sheet input tray, 10-sheet priority tray, 150-sheet output tray, Duplex Options : Automatic (standard); Envelope Feeder : No; Standard Paper Trays : 1 main tray plus 10 she priority; Input Capacities : Up to 260 sheets; Dutput Capacities : Up to 150 sheets; Up to 150 sheet
What's in the box	G3Q47A HP LaserJet Pro M203dw Printer; HP Black LaserJet Toner Starter Cartridge of ~1000 page yield; HP LaserJet Imaging Drum ~23,000 pages; HIG, Setup Poster, Support flyer; Warranty Guide, flyer, Errata in some countries; Printer documentation and software on CD-ROM; Software drivers and documentation on CD-ROM; CDs containing software and electronic documentation; Power cord; USB cable ¹
Replacement Cartridges	HP 30A Original Black Laser Jet Toner Cartridge CF230A (~1600 pages); HP 30X Original Black Laser Jet Toner Cartridge CF230X (~3500 pages); HP 32A Original Laser Jet Imaging Drum CF232A (~23000 pages) ⁸
Product Dimensions	W x D x H : 14.6 × 16 × 8.8 in ² ; Maximum : 14.6 × 24.6 × 14.2 in
Product Weight	15.2 lb ³
Varranty Features	One year limited warranty
nergy Efficiency Compliance	ENERGY STARcertified; Blue Angel; EPEAT (Silver)
Control Panel	Button LED:4 light-emitting diode (LED) indicator lights (Wireless, Ready, Attention, toner); 3 buttons (Resume, Cancel, Wireless)
Display Description	LED
Software Included	For Windows OS: HP Software Installer, HP Software Uninstaller (exclude Win8+), HP PCL6 Printer Driver, HP Device Experience (DXP), HP Web Services Assist (HP Connected), Device Setup & Software, HP Printer Assistant, HP Product Improvement Study, Online user manuals For Mac OS: Welcome Screen, (Directs users to HP.com or OS App Source for Laser)et Software.
Fonts and Typefaces	84 scalable TrueType fonts
Compatible Operating Systems	Windows 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8; Windows XP SP3 or higher (32-bit only); any IntelPentiumII, Celeronor 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8; AppleOS XEI Capitan (v10.11), Yosemite (v10.10), Mavericks (v10.9) 1 GB HD, Internet required, USB, Linux (For more information, see http:///pbipponsource.com/Hpipp-web/index-thmtl); Unix (For more information, see

Compatible Network Operating Systems	Windows 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8; Windows XP SP3 or higher (32-bit only): any IntelPentiumI, Celeronor 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8; AppleOS X EI Capitan (v10.11), Yosemite (v10.10), Mavericks (v10.9); 1 GB HD; Internet required; USB; Linux (For more information, see http:///hplipopensource.com/hplip-web/index.html); Unix (For more information, see http://www.hb.com/doc/ins/modelScripts).
Minimum System Requirements	PC: Windows 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer; Windows Vista: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8; Windows XP SP3 or higher (32-bit only); any IntelPentium[, Celeronor 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8; MAC: AppleOS X El Capitan (v10.11), Yosemite (v10.10), Mavericks (v10.9); 1 GB HD; Internet required; USB
Power	Power Supply Type: Internal; Power Requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz, 5.4 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz, 3.1 A; Power Consumption: 480 watts (active printing), 1.9 watts (ready), 0.5 watts (sleep), 0.8 watts (Auto off/Wake on USB, enabled at shipment), 0.05 watts (Auto-off/Manual-on), 0.05 watts (Manual Off) ⁵
Acoustics	Acoustic Power Emissions (active): 6.6 B(A); Acoustic Power Emissions (ready): 2.6 B(A); Acoustic Pressure Emissions (active): 53 d B(A); Acoustic Pressure Emissions (ready): 16 d B(A)
Operating Environment	Operating Temperature Range: 59 to 90.5%; Recommended Operating Temperature: 63.5 to 77%; Storage Temperature Range: -4 to 140%; Non-Operating Humidity Range: 10 to 90% RH; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH
Security Management	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change
HP Service and Support Options	UQ220E - HP 2 Year Care Pack Business Priority Support with Next Business Day Exchange; UQ221E - HP 3 Year Care Pack Business Priority Support with Next Business Day Exchange; UQ222E - HP 4 Year Care Pack Business Priority Support with Next Business Day Exchange; U6M41E - HP 2 Year Care Pack Business Priority Support with Onsite Exchange; U6M42E - HP 3 Year Care Pack Business Priority Support with Onsite Exchange; U6M43E - HP 4 Year Care Pack Business Priority Support with Onsite Exchange

Learn more at hp.com

¹HP Introductory Black LaserJet Toner Cartridge (~1000 pages), HP Original LaserJet Imaging Drum (~23,000 pages). Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies ² Without trays and covers not extended ³ With print cartridges ⁴ Wi-Fi direct is only avaiable on M203dw bundle 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. Power consumption values typicallty based on measurement of 115 V device. ⁷ Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. ⁸ Declared yield value in accordance with 150/IEC 19752 and continuous printing, Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. ⁹ HP Perint Printer requires epital exceptions. ⁹ Declared yield value in accordance with 150/IEC 19752 and continuous printing, Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/mobileprinting, Actual yields vary considerably based on measurement of 115 V device. ⁷ Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting. Wi-Fi disabled. ⁸ Declared yield value in accordance with 150/IEC 19752 and continuous printing, Actual yields vary considerably based on measurement of 115 V device. ⁷ Based on the BA TEC method with the following possible exceptions: 1 minute printers and void the product variety seed to the printers and variety based on measurement of 115 V device. ⁸ Declared yields value in accordance with 150/IEC 19752 and continuous printing accordance with 150/IEC 19752 and continuous





Data sheet

HP LaserJet Pro MFP M428-M429 f series



The HP LaserJet Pro MFP M428-focus your time growing your business and staying ahead.

Winning in business means working smarter. The HP LaserJet Pro MFP M428 is designed to let you focus your time where it's most effective growing your business and staying ahead of the competition.



HP LaserJet Pro MFP M428fdn



HP LaserJet Pro MFP M428fdw

Built to keep you—and your business—moving forward

- Scan files directly to Microsoft® SharePoint, Google Drive, Dropbox, email, USB, and network folders.
- Help save time by automating all the steps in a complicated workflow via a 1 button shortcut.²
- Print wirelessly even without the network, stay connected with dual band Wi-Fi and Wi-Fi direct.³⁴⁵
- Print effortlessly from any device, virtually anywhere, to any HP printer—securely through the cloud.

Best-in-class security- detect and stop attacks7

- A suite of embedded security features help protect your MFP from being an entry point for attacks.
- Help ensure the security of confidential information with optional PIN/Pull printing to retrieve print jobs8
- Thwart potential attacks and take immediate action with instant notification of security issues.
- Optional HP JetAdvantage Security Manager lets simply and efficiently secure your fleet of printers

Simply designed to uncomplicate your day

- Set up this MFP fast, and easily manage device settings to help increase overall printing efficiency.
- Tackle tasks quickly and easily—with the simple intuitive 2.7" (6.8cm) color touchscreen.
- Print Microsoft office docs and pdfs right off your USB drive.9
- Avoid interruptions with an HP LaserJet MFP designed to be streamlined for maximum productivity.

Sustainability is smart business

- Avoid frustrating reprints, wasted supplies, and service calls using Original HP toner cartridges
- Help save paper right out of the box. The duplex print setting is set at default paper savings mode. 10
- Saves up to 22% over prior products.11
- Help save energy with HP Auto-on/Auto-off technology. 13

¹ Some scan apps may require an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hpconnected.com. ² Connect printer/MFP to the network and complete customization through the Embedded Web Server. ³ Wireless operations are compatible with 2.4 GHz and 5 GHz operations. App or software and HP e-Print account registration may also be required use free free free from the printer of the prenting on mobile device, an app or driver may also be required. Learn more at http://hp.com/go/businessmobileprinting ⁶ To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetoothe Low Wnergy (BLE) beaconing capabilities. Subscription or accessory may be required. For more information, visit http://hp.com/go/printers of competitive in-class printers. Only HD refers 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://hp.com/go/PrintersThatProtect. For more information: http://hp.com/go/printersecurityclaims ⁸ Pin printing enabled via USB installed in rear of device. ⁹ Microsoft and PowerPoint are U.S. registered trademarks of the Microsoft group of companies. Feature works with worldwide default duplex settings (across bundles/drivers); Spring 2019 will include consistent worldwide default duplex settings for most products across the most common drivers. ¹¹ Based on HP Interna

HP LaserJet Pro MFP M428fdn

Product walkaround

- 1. Dual-band Wi-Fi with Bluetooth® Low Energy^{1,2} for easy wireless printing and setup
- 2. 2.7-inch (6.9 cm) customizable color touchscreen control panel (tilts up for easier viewing)
- 3. Easy-access USB port3
- 4. 100-sheet multipurpose tray 1 supports media sizes up to 8.5×14 inches (216 x 356 mm)
- 5. Rear door (access to the print path)
- 6. Hi-Speed USB 2.0 port, USB port for job storage and PIN printing,4 Gigabit Ethernet LAN port, fax port
- 7. 50-sheet automatic document feeder (ADF) with single-pass, two-sided scanning
- 8. Flatbed scanner handles media sizes up to 8.5×14 inches (216 x 356 mm)
- 9. 150-sheet output bin
- 10. Front door release button
- 11. Front door (access to HP EcoSmart black toner cartridges)
- 12. Automatic two-sided printing
- 13. 250-sheet input tray 2 supports media sizes up to 8.5×14 inches (216 \times 356 mm)



Series at a glance







:lose-up of I/O ports

Model	HP LaserJet Pro MFP M428fdn	HP LaserJet Pro MFP M428fdw
Product number	W1A29A	W1A30A
Functions	Print, copy, scan, fax (both models)	Print, copy, scan, fax (both models)
Print speed (letter/A4) ⁵	Up to 40/38 pages per minute (ppm) (both models)	Up to 40/38 pages per minute (ppm) (both models)
Scan speed (letter/A4) ⁶	Simplex: Up to 31/29 ppm (black); up to 21/20 ppm (color) Duplex: Up to 49/46 images per minute (ipm) (black); up to 36/34 ipm (color)	Simplex: Up to 31/29 ppm (black); up to 21/20 ppm (color) Duplex: Up to 49/46 images per minute (ipm) (black); up to 36/34 ipm (color)
Scanning	50-sheet ADF with single-pass, two sided scanning (both models)	50-sheet ADF with single-pass, two sided scanning (both models)
Automatic two-sided printing	V	√
Control panel display	2.7-inch (6.9 cm) color touchscreen (both models)	2.7-inch (6.9 cm) color touchscreen (both models)
100-sheet multipurpose tray 1, 250-sheet tray 2	√	V
550-sheet tray 3	Optional	Optional
Input capacity (standard/maximum ⁷)	Up to 350/900 sheets (both models)	Up to 350/900 sheets (both models)
Recommended monthly page volume®	Up to 4,000 pages (both models)	Up to 4,000 pages (both models)
Cartridge yields ⁹ (A/X)	Black: ~3,000/10,000 pages (both models)	Black: ~3,000/10,000 pages (both models)
Dual-band Wi-Fi with Bluetooth Low Energy 12	Not available	Not available
Networking	Built-in 10/100/1000Base-TX Ethernet; Dualband Wireless; 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio	Built-in 10/100/1000Base-TX Ethernet; Dualband Wireless; 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio
Mobile Printing	Apple AirPrint™; Mopria™ Certified; Google Cloud Print™; HP ePrint	Apple AirPrint™; Mopria™ Certified; Google Cloud Print™; HP ePrint; Wi-Fi® Direct Printing

¹ Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®. 2 Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license. Learn more at hp.com/go/mobileprinting. 3 An administrator must enable the easy-access USB port before use. 4 Requires purchase of separate USB flash drive with at least 16 GB capacity. 5 Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. 6 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. 7 Selection of optional 550-sheet tray 3 required to reach maximum input capacity. 8 Recommended Monthly Page Volume (RMPV): 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. 9 Actual yields vary considerably based on images printed and other factors. For details visit hp.com/go/learnaboutsupplies. Pages may vary based on customer printing conditions and usage.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc

Top features

Today's businesses are always on, and always connected. Choose an MFP that can keep up with how you actually work, collaborate, and get things done.

HP Print Security isn't just about securing printers. It's about helping to secure your network with real-time threat detection, automated monitoring, and software validation—designed to detect and stop an attack as it happens.

You have enough to worry about each day. It's easy to accomplish what you need—and exceed your own expectations—with a streamlined MFP that's made for simple use.

Business is all about resource management, and finding efficiencies is everyone's responsibility. HP LaserJet MFPs are designed with the environment in mind, so you can handle what you need while conserving energy wherever possible

Accessories

D9P29A HP LaserJet Pro 550-sheet Feeder Tray P0R81AA HP v222w 16GB Mini USB Drive

Supplies

CF258A HP 58A Black Original LaserJet Toner Cartridge CF258X HP 58X High Yield Black Original LaserJet Toner Cartridge

Services

HP LaserJet Pro MFP M428fdn

UB9R7E - HP 3y NBD LJ Pro MFP M428 M429 M329 SVC
UB9R8E - HP 4y NBD LJ Pro MFP M428 M429 M329 SVC
UB9R9E - HP 5y NBD LJ Pro MFP M428 M429 M329 SVC
UC0R2E - HP 3y4h9x5 LJ Pro MFP M428 M429 M329 SVC
UC0R3E - HP 4y4h9x5 LJ Pro MFP M428 M429 M329 SVC
UC0R4E - HP 5y4h9x5 LJ Pro MFP M428 M429 M329 SVC
UB9S0E - HP 3y NBDExchg LJ ProMFPM428M429M329 SVC
UB9S1E - HP 3y RTD LJ Pro MFP M428 M429 M329 SVC
UB9S2PE - HP 1yPWNBD LJ Pro MFP M428 M429 M329 SVC
UB9S3PE - HP 2yPWNBD LJ Pro MFP M428 M429 M329 SVC
UC0R5PE - HP 1yPW4h9x5 LJPro MFP M428 M429 M329 SVC
UC0R5PE - HP 1yPW4h9x5 LJPro MFP M428 M429 M329 SVC
UB9S4PE - HP1yPW4h9x5 LJPro MFP M428 M429 M329 SVC

UB9S5PE - HP 1yPWRTD LJ Pro MFP M428 M429 M329 SVC













¹ Some scan apps may require an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hpconnected.com² Connect printer/MFP to the network and complete customization through the Embedded Web Server. ³ Wireless operations are compatible with 2.4 GHz and 5 GHz operations. App or software and HP ePrint account registration may also be required. Some features require purchase of a not printing for the property of t

HP LaserJet Pro MFP M428-M429 f series

Technical Specifications	HP LaserJet Pro MFP M428fdn (W1A29A)	HP LaserJet Pro MFP M428fdw (W1A30A)	
AIO functions	Print, Copy, Scan, Fax, Email		
Print speed	A4: Up to 38 ppm; Letter: Up to 40 ppm black ⁸ First Page Out Black: / 6.3 sec; ¹⁰	As fast as A4: Up to 38 ppm; Letter: Up to 40 ppm black ⁸ First Page Out Black: As fast as 6.3 sec; ¹⁰	
Print resolution	Black (best): Fine Lines (1200 x 1200 dpi); Black (normal): Normal (na 1200 dpi)	ative 600 x 600 dpi; enhanced up to 4800 x 600 dpi); Black (fine lines): Fine Lines (1200 x	
Print Technology	Laser; Print Resolution Technologies: HP FastRes 1200, HP ProRes12	200, Economode	
Print Cartridges Number	1 (black)		
Standard Print Languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, Nativ	e Office, PWG Raster	
Printer Smart Software Features	touchscreen control panel, Scan/Print from Cloud using apps on the c	ole for easy printing, HP ePrint, and HP Auto-On/Auto-Off Technology, Intuitive 2.7" control panel, Job Storage with PIN printing, Print from USB, N-up printing, collation	
Printer Management	Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Administrator)	Admin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro t Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing	
Scan Type / Technology	Type: Flatbed, ADF; Technology: Contact Image Sensor (CIS)		
Scan Resolution	Hardware: Flatbed (Up to 1200 x 1200 dpi); ADF (Up to 300 x 300 dpi	i); Optical: Up to 1200 x 1200 dpi	
Scan File Format	PDF, JPG, TIFF		
Scan Input Modes	Front-panel scan, copy, email, or file buttons; HP Scan software; and	user application via TWAIN or WIA	
Scan Size		inimum; Flatbed: 216×297 mm; Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color	
Scan Speed	Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color) ¹⁴ Duplex: Up to 46 ipm (b&w), up to 34 ipm (color)		
Scanner Advanced Features	Scan to Microsoft SharePoint®, Scan to computer with software, Fax a Sets	ropBox) Scan to email with LDAP email address lookup, Scan to network folder, Scan to USI archive to network folder, Fax archive to email, Fax to computer, Enable/disable fax, Quick	
Native Scan File Format	PDF; JPG		
Software Scan File Format	Windows HP Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, BI PNG, TIFF;	Windows HP Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF. Mac HP Easy Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, JPG-20 PNG, TIFF;	
Bit depth / Grayscale levels	24-bit/ 256		
Digital Sending Standard Features	to network folder, Fax archive to email, Fax to computer, Enable/disab		
Copy Resolution	Black (text and Graphics): Up to 600 x 600 dpi; Color (text and Graphic	Black (text and Graphics): 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%		
Copier Settings	(Draft/Normal/Best); Save Current Settings; Restore Factory Defaults	nhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Quality	
Fax Speed	Up to: 33.6 kbps ¹⁵		
Fax Resolution	Black (best): Up to 300 x 300 dpi (halftone enabled); Black (standard)	<u> </u>	
Fax Smart Software Features	page; Block fax; Billing codes; Save and load; Fax activity reports; Dial	<u> </u>	
Fax Features	Fax Memory: Up to 400 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: Yes; Distinctive Ring Detection Supporter Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: Yes (receive only); Fax Telephone Mode Supported: Yes; Ju Supported: Yes, CSID matching only (Caller ID not supported); Maximum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes, only sending		
Standard Connectivity	1 Hi-Speed USB 2.0;1 rear host USB; 1 Front USB port; Gigabit Ethern	et LAN 10/100/1000BASE-T network	
Network Capabilities	Built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethe	ernet; Authentication via 802.1X	
Mobile Printing Capability	HP Smart App; Apple AirPrint™; Google Cloud Print™; HP ePrint; Mobil	le Apps; Mopria™ Certified; Roam capable for easy printing ⁵	
Memory	Standard: 512 MB; Maximum: 512 MB		
Processor Speed	1200 MHz / Hard disk: No		
Duty Cycle	Monthly, A4: Up to 80,000 pages ¹¹ Recommended Monthly Page Volume: 750 to 4000 ¹²		
Paper Handling	to 250 sheets) standard; Up to 10 envelopes labels legal Output Cap a Automatic (default) Auto Document Feeder Capacity : Standard, 50 sh EcoEFFICIENT, light, heavy, bond, colored, letterhead, preprinted, preptray 2, optional 550-sheet tray 3: 16 to 32 lb Media Sizes Supported : Postcard Rotated; Envelope #10; Envelope Monarch; Envelope B5; En	Automatic Document Feeder (ADF); Up to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up acities: 150-sheet output bin; Up to 150 sheets standard labels legal Duplex Options: neets Envelope Feeder: No Standard Paper Trays: 2 Media Types Supported: Paper (plain, bunched, recycled, rough); envelopes; labels; Media Weight Supported: Tray 1: 16 to 46.6 lb; Tray 1: Letter; Legal; Executive; Officio (8.5 x 13 in); 16K; Japanese Postcard; Double Japan evelope CS; Envelope DL; Custom Size; 4 x 6 in; 5 x 8 in; Statement; Tray 2 & Tray 3: Letter; Media Sizes Custom: Tray 1: 3 x 5 to 8.5 x 14 in, Tray 2, 3: 4.13 x 5.85 to 8.5 x 14 in	

HP LaserJet Pro MFP M428-M429 f series

Technical Specifications	HP LaserJet Pro MFP M428fdn (W1A29A)	+	IP LaserJet Pro MFP M428fdw (W1A30A)
Product Dimensions	W x D x H: 16.54 x 15.35 x 12.72 in; 420 x 390 x 323 mm ¹ Maximum: 16.93 x 25 x 12.8 in; 430 x 634 x 325 mm		
Product Weight	27.78 lb 12.6 kg		
What's in the box	HP LaserJet Pro M428; Preinstalled HP Black LaserJet Toner Cartrid Regulatory Flyer; Power cord; Phone cord. HP printer software is av		S, yield \sim 3,000 pages); Getting Started Guide; Support Flyer; Warranty Guide; //www.hp.com/support 17
Warranty Features	One-year Bench/Depot Repair warranty. Warranty and support opt or go to hp.com/support to learn about HP award winning service a		oduct, country and local legal requirements. Contact your Contractual Vendor ions in your region. (wty code 4E; wty ID A033)
Energy Star Certified	Yes		
Energy Efficiency Compliance	CECP; ENERGY STAR® qualified; EPEAT® Silver		
Control Panel	2.7" Color Touchscreen		
Display Description	2.7" (6.86 cm) intuitive color touchscreen (CGD)		
Software Included	No software solutions are included in the Box, Download software	t http://123.hp	p.com/laserjet or http://hp.com
Fonts and Typefaces	84 scalable TrueType fonts		
Compatible Operating Systems	Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobi OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Discrete PCL6 Printer Driver, For more information on the supported operating systems go to http://support.hp.com, Enter your product name and search, Click on User Guides and enter your procure and search for User Guide, Search for User		
Compatible Network Operating Systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification – Upto Citrix Server 7.18 for more information see http://citrixready.citrix.com, Linux-For mo information see http://developers.hp.com/hp-linux-imaging-and-printing, Unix-For more information see http://hp.com/go/unixmodelscripts, UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating systems please see http://hp.com/go/upd		
Minimum System Requirements	PC: 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see http://microsoft.com; MAC GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com;		
Power	voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) (Not dual viwatts (active printing), 7.5 watts (ready), 0.9 watts (sleep), 0.9 watt	Power Supply Type: Internal (Built-in) power supply; Power Requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); 220-volt inj voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) (Not dual voltage, product varies by part number with # Option code identifier); Power Consumption: 9 watts (active printing), 7.5 watts (ready), 0.9 watts (sleep), 0.9 watts (Auto Off/Wake on LAN, enabled at shipment), 0.06 watts (Auto-off/Manual-on), 0.06 (Manual Off); Typical Electricity Consumption (TEC) number: ES: 1.247 kWh/week	
Acoustics	Acoustic Power Emissions: 6.7 Bel(A) (Printing at 38 ppm); Acoustic Emissions: 53 dB(A) ⁷		Acoustic Power Emissions: 6.7 Bel(A) (Printing at 38 ppm); Acoustic Pressure Emissions: 53 dB(A) ⁷
Operating Environment		Operating Temperature Range: 10 to 32.5°C; Recommended Operating Temperature: 15 to 27°C; Storage Temperature Range: -20 to 40°C; Operating Humidity Range: 10 to 80% RH (non-condensing); Recommended Humidity Operating Range: 30 to 70% RH	
Security Management	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; IPP over TLS; Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2, and SNMPv3, community password change HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; LDAP authentication and authorization; Firewall and ACL; control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, access control, 802.1x authentication (EAP-TLS and PEAP); Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, compatible with optional HP JetAdvantage Security Manager		

Learn more at hp.com



Nithout trays and covers not extended. 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 values typically based on measurement of 115 v device. ³ Toner cartridges designed for distribution and use within a designated region only, will not work outside of designated region. ⁴ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visi th ttp://www.hp.com/go/learnaboutsupplies ⁵ Clocal printing requires an Internet connection to an HP web-connected printer. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. For more information visit hp.com/go/monbileprinting. To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BIE) beaconing capabilities. Subscription may be required. For more information, visit http://hp.com/go/roam ⁶ First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 24735, excluded size of test of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application and document complexity. ⁷ Acoustic values are subject to change. For current information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁹ Measured using ISO/IEC 24734, Feature Test, A Landscape Feed. Speed may vary based on content, PC, media orientation, and media type. ¹⁰ 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. ¹¹ Duty cycle is defined as the

HP LaserJet Pro M404-M405 series



The HP LaserJet Pro M404 printer--focus your time where it's most effective-growing your business

Winning in business means working smarter. The HP LaserJet Pro M404 printer is designed to let you focus your time where it's most effective-helping to grow your business and staying ahead of the competition.

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. http://www.hp.com/go/learnaboutsupplies



HP Laser let Pro M404dn



HP LaserJet Pro M404dw



HP Laser let Pro M404n

Built to keep you—and your business—moving forward

- Help decrease the amount of paper used in the office by printing on both sides of the page.¹²
- Grab pages and go—without waiting. This device wakes up and prints fast.1
- Print wirelessly even without the network; stay connected with dual band Wi-Fi and Wi-Fi direct. 2.3.4
- Print effortlessly from any device, virtually anywhere, to any HP printer—securely through the cloud.5

Best -in-class security-detect and stop attacks6

- A suite of embedded security features help protect your printer from being an entry point for attacks.6
- Help secure confidential information with optional PIN/Pull printing to retrieve print jobs.7
- Optional HP JetAdvantage Security Manager lets you set configuration
- Thwart potential attacks and take immediate action with instant notification of security issues. 10

Simply designed to uncomplicate your day

- Set up this printer fast and easily manage device settings to help increase overall printing efficiency.
- Make the most of your office space with a printer that conveniently fits into your workstyle.
- Get connected and start printing fast with seamless Wi-Fi setup from your smartphone.
- Work without delays or messes, with cartridges featuring auto seal removal.

Sustainability is smart business

- Avoid frustrating reprints, wasted supplies, and service calls using Original HP toner cartridges.
- Help save paper right out of the box. The duplex print setting is set at default paper savings mode.
- Saves up to 18% energy over prior products.9
- Help save energy with HP Auto-on/Auto-off technology. 11

Leasured using ISO/IEC 24734 and excludes first set of test documents. For more information, see http://www.hp.com/gb/pinirterclaims. Exact speed vaines depending on the system configuration, software and the Perint account registration may also be required. Some features require purchase of an optional accessory, Learn more at http://www.hp.com/gb/mindelpinirting. Feature is only supported on the HP Laser/let Pro M40dw. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. Feature is supported on the HP Laser/let Pro M40dw wireless derived the test of the properties of the properties

HP LaserJet Pro M404dw

Product walkaround

- 1. Dual-band Wi-Fi with Bluetooth® Low Energy1 for easy wireless printing and setup
- 2. 100-sheet multipurpose tray 1 supports media sizes up to 8.5×14 inches (216 x 356 mm)
- 3. Hi-Speed USB 2.0 port, USB port for job storage and PIN printing 2, Gigabit Ethernet LAN port
- 4. Rear door (access to the print path)
- 5. 2-line LCD control panel
- 6. 150-sheet output bin
- 7. Front door release button
- 8. Front door (access to HP EcoSmart black toner cartridges)
- 9. Automatic two-sided printing4
- 10. 250-sheet input tray 2 supports media sizes up to 8.5×14 inches (216 \times 356 mm)



Series at a glance







Model	HP LaserJet Pro M404dn	HP LaserJet Pro M404dw	HP LaserJet Pro M404n
Product number	W1A53A	W1A56A	W1A52A
Print speed (letter/A4) ⁴	Up to 40/38 pages per minute (ppm) 2-sided: Up to 33/31 ppm	Up to 40/38 pages per minute (ppm) 2-sided: Up to 33/31 ppm	Up to40/38 pages per minute (ppm) (all models)
Two-sided printing	Automatic	Automatic	Manual
Control panel display	2-line LCD (all models)	2-line LCD (all models)	2-line LCD (all models)
100-sheet multipurpose tray 1, 250-sheet tra 2	y √	\checkmark	\checkmark
Optional 550-sheet tray 3	Add up to one (all models)	Add up to one (all models)	Add up to one (all models)
Input capacity (standard/maximum ^s)	Up to 350/900 sheets (all models)	Up to 350/900 sheets (all models)	Up to 350/900 sheets (all models)
Recommended monthly page volume	Up to 4,000 pages (all models)	Up to 4,000 pages (all models)	Up to 4,000 pages (all models)
Cartridge yields 7(A/X)	Black: ~3,000/10,000 pages (all models)	Black: ~3,000/10,000 pages (all models)	Black: ~3,000/10,000 pages (all models)
Dual-band Wi-Fi with Bluetooth Low Energy	Not available	$\sqrt{}$	Not available
Networking	Built-in 10/100/1000 Base Tx Ethernet	Built-in 10/100/1000 Base Tx Ethernet; Dualband Wi-Fi 802.11 b/g/n (2.4/5 GHz)	Built-in 10/100/1000 Base Tx I Ethernet
Mobile Printing	Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App Mobile Apps; Mopria™ Certified; ROAM capable for easy printing	Mobile Apps; Mopria™ Certified;	Apple AirPrint™; Google Cloud ; Print™; HP ePrint; HP Smart App; Mobile Apps; Mopria™ Certified; ROAM capable for easy printing

¹ Wireless operations are compatible with 2.4 GHz and 5 GHz operations only, Wi-Fi is a registered trademark of Wi-Fi Alliance®. Bluetooth is a trademark owned by its proprietor and used by HP inc. under license. Learn more at hp.com/go/mobileprinting 2 Requires purchase of separate USB flash drive with at least 16 GB capacity. 3 Automatic two-sided printing is not available on the HP LaserJet Pro M40An model. 4 Reasured using SORIEC 24734, excludes first set of test documents. For more information, see hp.com/go/printerclaims Exact speed varies depending on the system configuration, software application, divine a policy of the propriet of the pr

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc

Top features

Today's businesses are always on, and always connected. Choose a printer that can keep up with how you actually work, collaborate, and get things done

HP Print Security isn't just about securing printers. It's about helping to secure your network with real-time threat detection, automated monitoring, and software validation—designed to detect and stop an attack as it happens.

You have enough to worry about each day. It's easy to accomplish what you need—and exceed your own expectations—with a streamlined printer that's made for simple use.

Business is all about resource management, and finding efficiencies is everyone's responsibility. HP LaserJet printers are designed with the environment in mind, so you can handle what you need while conserving energy wherever possible.

Accessories

D9P29A HP LaserJet 550-sheet Feeder Tray P0R81AA HP v222w 16GB Mini USB Drive

Supplies

CF258A HP 58A Black LaserJet Toner Cartridge (~3,000 pages) CF258X HP 58X Black LaserJet Toner Cartridge (~10,000 pages)

Services

UB9T8E HP 3 year Next Business Day Service for LaserJet Pro M404 UB9U1E HP 3 year Next Business Day Exchange Service for LaserJet Pro M404 UB9U3PE HP 1 year Post Warranty Next Business Day Service for LaserJet Pro M404









¹ Measured using ISO/IEC 24734 and exclude first set of test documents. For more information, see http://www.hp.com/golprinterctains. Exact speed varies depending on the system configuration, software application, drive, and document complexity. ² Wireless operations are compatible with 2-4 Get2 and 5 GHz operations. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory, Learn more at http://www.hp.com/golprinterctains. ⁵ Feature is only supported on the HP Laser/let Pro MO4dw wireless derect-capable MPP or printer prior to printing. Depending on mobile device, an apor or driver may also be required. Learn more at http://www.hp.com/golfus/insexmobileprinting. ⁵ to enable HP Roam, some devices may require firmware to be upgraded and a noteritating stop an attack then self-vioring capabilities. Subscription or accessory may be required. For more information, visit http://www.hp.com/golfus/insexmobileprinting. ⁵ to enable HP Roam, some devices may require firmware to be upgraded and a noteritating stop an attack then self-vioring capabilities. Subscription or accessory may be required. For more information, visit http://www.hp.com/golfus/insexmobileprinting. ⁵ to enable HP Roam, some devices may require firmware to be upgraded and a noteritating stop and attack then self-vioring via redout. ⁶ The alto printings. ⁶ The printing enabled via USB installed in rear of device. ⁸ Dependent upon country seture security and attack then self-vioring via redout. ⁶ The alto printings. ⁶ The site of printing and site of via via site of printings. ⁶ The site of printing and site of via via site of printings. ⁶ The site of printing and site of via via site of printings. ⁶ The site of printing and site of via via site of printings. ⁶ The site

HP LaserJet Pro M404-M405 series

	F10 M404-M403 Selles			
Technical Specifications Print speed	HP LaserJet Pro M404dn(W1A53A) A4: Up to 40 ppm black; Letter: Up to 40 ppm black; ⁷ ; A5: Up to 63 ppmFirst Page Out Black: As fast as 6.3 sec; ⁹	HP LaserJet Pro M404dw(W1A56A) A4: Up to 38 ppm black; Letter: Up to 40 ppm black; 7; A	HP LaserJet Pro M404n(W1A52A) 5: Up to 63 ppmFirst Page Out Black: As fast as 6.3 sec; 9	
Duplex Print speed	A4: Up to 31 ipm black; Letter: Up to 33 ipm black			
Print resolution	Black (best): Fine Lines (1200 x 1200 dpi); Bl	ack (normal): Normal (Native: 600 × 600 dpi, enhanced up to 4800 × 600 dpi);	Black (fine lines): Fine Lines (1200 x 1200 dpi)	
Print Technology	La	ser; Print Resolution Technologies: HP FastRes1200, HP ProRes1200, Econom	ode	
Print Cartridges Number		1 (black)		
Standard Print Languages	Apple AirDrightm Manage and Ford County Dright 2 O HD - Dright Door	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, PWG Raster	And Air Drink TM Manager and Stand County Claud Drink 2 O. 110 - Drink Down	
Printer Smart Software Features	Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, HP ePrint, Roam capable for easy printing, HP Auto-On/Auto-Off Technology, Job Storage with PIN printing, N-up printing, collation	Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, Wi-Fi Direct printing, ROAM enabled for easy printing, HP ePrint, HP Auto-On/Auto-Off Technology, Job Storage with PIN printing, N-up printing, collation	Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, HP ePrint, Roam capable for easy printing, HP Auto-On/Auto-Off Technology, Job Storage with PIN printing, N-up printing, collation	
Printer Management	(Driv	ioftware; HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP WS Prier Configuration Utility - Driver Deployment Utility - Managed Printing Administ	trator)	
Standard Connectivity	1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Ethernet 10/100/1000BASE-T network	1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Ethernet 10/100/1000BASE-T network; 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio /100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication	1 Hi-Speed USB 2.0; 1 host USB at rear side;Gigabit Ethernet 10/100/1000BASE-T network	
Network Capabilities Wireless Capability	No No	Yes, built-in dual-band Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct; Bluetooth Low-Energy	No No	
Mobile Printing Capability	Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App; Mobile Apps; Mopria™ Certified; ROAM capable for easy printing ⁵	Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App; Mobile Apps; Mopria™ Certified; ROAM capable for easy printing; Wi-Fi® Direct printing ⁵	Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App; Mobile Apps Mopria™ Certified; ROAM capable for easy printing ⁵	
Memory		Standard: 256 MB; Maximum: 256 MB		
Processor Speed		1200 MHz / Hard disk: None		
Duty Cycle Paper Handling		ly, letter: Up to 80,000 pages ¹⁰ ; Recommended Monthly Page Volume: 750 to p to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets) standard		
	Standard Paper Trays: 2; Media Types Supported: Paper (plain, EcoFFICIENT, ligenvelopes; labels; Media Weight Supported: Tray 1: 16 to 46.6 lb; Tray 2 and Letter, legal, executive, Oficio (8.5 x 13 in), 4 6 in, 5 x 8 in, envelopes (No 10, x 8 in; Automatic duplexer: Letter, legal, executive, Oficio (8.5 x 13 in); Media S	ndard labels legal; Duplex Options : Automatic (default); Envelope Feeder : No: ght, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough; Optional 550-sheet Tray 3: 16 to 32 lb; Media Sizes Supported : Tray 1, Tray 2: Monarch); Optional Tray 3: Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 izes Custom : Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional Tray 3: 3.94 x 5.83 to 1.4 in		
Product Dimensions	WxDxH:	5 x 14.06 x 8.5 in; 381 x 357 x 216 mm ¹ ; Maximum: 15 x 25 x 9.5 in; 381 x 63	4 x 241 mm	
Product Weight	18.87	b8.56 kg	18.12 lb8.22 kg	
What's in the box	for EMEA, 58A for AMS, 76A for AP, yield ~3,000 pages); Getting Started Guide; Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable (AP Only) ¹⁴	HP Laser Jet Pro M404dw; Preinstalled HP Black Laser Jet Toner Cartridge (59A for EMEA, 58A for AMS, 76A for AP, yield ~3,000 pages); Getting Started Guide Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable ¹⁴	for EMEA, 58A for AMS, 76A for AP, yield ~1,500 pages); Getting Started Guide Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; USB cable (AP Only) ¹⁴	
Replacement Cartridges	AMS: For distribution and use in North America and Latin America only: HP SBA Black Laser let Toner Cartridge (~3,000 pages), CF258A; HP SBX Black Laser let Toner Cartridge (~10,000 pages), CF258A; EMEA: Europe, Middle East, Russia, CIS, and Africa only: HP SBA Black Laser let Toner Cartridge (~10,000 pages), CF259A; PF SBX Black Laser let Toner Cartridge (~10,000 pages), CF259A;			
Warranty Features		y by product, country and local legal requirements. Contact your Contractual Vi support options in your region. (wty code 4E; wty ID A033)		
Energy Star Certified		es LEDEAT® CIT. CECCO	No	
Energy Efficiency Compliance Control Panel		ed; EPEAT® Silver; CECP 2-line LCD; OK button; Left button; Right button; Cancel button; Back button; Wireless button; Ready LED; Error LED; Wi-Fi LED	2-line LCD; OK button; Left button; Right button; Cancel button; Back button Ready LED; Error LED	
Display Description		2-line backlit LCD graphic display		
Software Included	No software solu	itions are included in the Box, Download software at http://123.hp.com/laserje	t or http://hp.com	
Fonts and Typefaces		84 scalable TrueType fonts		
Compatible Operating Systems	Sierra v10.13, Apple® macOS Mojave v10.14, Discrete PCL6 Printer Driver, For	Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mi more information on the supported operating systems go to http://support.hp ser Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS supported operating systems see http://www.hp.com/go/upd	.com, Enter your product name and search, Click on User Guides and enter you	
Compatible Network Operating Systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Terminal see 2008 R2, Remote Desktop Server 2012 R2, Citrix Server 6.5,			
Minimum System Requirements		browser. For additional OS hardware requirements see microsoft.com; MAC: 2 requirements see apple.com		
Power	input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) (Not dual vc Consumption: 495 watts (active printing), 5.5 watts (ready), 0.5 watts (si (Auto-off/Manual-on), 0.05 (Manual Off) ² ; Typical electricity consumption (TE	0-volt input voltage: 110 to 127 WC (+/- 10%), 50/60 Hz (+/- 2 Hz); 220-volt bitage, product varies by part number with # Option code identifier); Power eep), 0.5 watts (Auto Off/Wake on LAN, enabled at shipment), 0.05 watts (Dinumber: 1.10 kWh/Week (Blue Angel); 0.371 kWh/Week (Energy Star 3.0) ¹⁵	Power Supply Type: Internal (built-in) Power Supply; Power Requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); (but dual voltage, product varies by part number with # Option code identifier); Power Consumption: 495 watts (active printing), 5.5 watts (ready), 0.5 watts (setep), 0.5 watts (facto printing), 5.5 watts (watto fif/Wake on LAN, enabled at shipment), 0.05 watts (Auto-off/Manual-on), 0.05 (Manual Off) ²	
Acoustics	Acoustic Power Emissions: 6.7 B(A); A		Acoustic Power Emissions: 6.7 B(A); Acoustic Pressure Emissions: 53 dB(A) ⁶	
Operating Environment	Operating Temperature Range: 15 to 32.5°C; Recommended Operating Temp	perature: 17.5 to 25°C; Storage Temperature Range: -20 to 40°C; Operating Hui 70% RH	midity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to	
Security Management	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; IPP over TLS; Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2, and SNMPv3, community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, Firewall and ACL; control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, 802.1 x authentication (EAP-TLS, and PEAP): Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, Compatible with optional HP JetAdvantage Security Manager	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; IPP over TLS, Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2, and SNMPv3, community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; Firewall and ACL; control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, 802.1 xa uthentication (EAP-TLS, and PEAP), authentication via WEP, WPA/WPA2 Personal, WPA2-enterprise; encryption via AES or TKIP; Encrypted data storage; Secure data erase; Automatic Inrimware updates; Secure Encrypted Print via optional job storage, Compatible with	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; IPP over TLS; Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2, and SNMPv3, community password change; HP ePrint: HTTPs with certificate validation, HTTP Basic Access Authentication, SSLS authentication; Firewall and ALC; control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, 802.1 x authentication (EAP-TLS, and PEAP); Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, Compatible with optional HP JetAdvantage Security Manager	
1 Without trays and covers not exte	ended 2 Power requirements are based on the country/region where the printe	optional HP JetAdvantage Security Manager, IPPS r is sold. Do not convert operating voltages. This will damage the printer and v	oid the product warranty. Power consumption values typically based on	

1 Without trays and covers not extended 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 values typically based on measurement of 115V device. 3 Toner cartridges designed for distribution and use within a designated region only, will not work outside of designated region. 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 Local printing requires mobile device and printer to be on the same network (usually Wi-F1 access points bridge wireless to wired connections) or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Remote printing requires an Internet connection to an HP web-connected printer. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. For more information with the promotive for coverage and availability in your area. For more information in the promotive for the provider for coverage and availability in your area. For more information in the promotive for the provider for coverage and availability in your area. For more information in the promotive for the provider for coverage and availability in your area. For more information, visit the promotive for coverage and availability in your area. For more information, wisit the promotive for provider and an optional accessory to add Bluedouth 1 and a promotive for provider for the promotive for more information, visit the promotive for provider and an optional accessory to add Bluedouth 1 and a promotive for the promotive for the promotive for more information, visit the promotive for promotive for more information, visit the promotive for promotive for promotive for promotive for prom

Learn more at hp.com



HP LaserJet Enterprise MFP M527 series



Finish tasks faster, and help protect against threats with multi-level device security.

Finish tasks faster with an MFP that starts right away and helps conserve energy. Multi-level device security helps protect from threats. Original HP Toner cartridges with JetIntelligence and this printer produce more high-quality pages.



HP LaserJet Enterprise MFP M527dn



HP LaserJet Enterprise MFP M527f



HP LaserJet Enterprise Flow MFP M527c



Accelerate your work and use less energy

- Don't wait for documents. Print your first page in as few as 8.7 seconds from energy-efficient sleep mode.
- Speed through jobs. Print and scan both sides of the page at once.
- This MFP leads its class in low energy use—thanks to its innovative design and toner technology.³
- Now 24% smaller—this MFP fits in tight places to boost performance in any workspace.9

Unparalleled fleet security and management

- Embedded features detect security threats and heal your MFP, protecting it from boot up to shutdown¹⁰.
- Protect sensitive data on the MFP and in transit, using embedded security features and 256-bit encryption.
- Protect sensitive business data with embedded and optional HP JetAdvantage Security Solutions.
- Centralize control of your printing environment with HP Web Jetadmin¹²—and help build business efficiency.

More. Pages, Performance, and Protection.

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Get more. Original HP Toner with JetIntelligence delivers more pages per cartridge than predecessors.²
- $\bullet \ \ \text{Help ensure the Original HP quality you paid for with anti-fraud and cartridge authentication technology}.$
- Print right away with a preinstalled toner cartridge. Replace it with an optional high-yield cartridge. 13

Stay connected with secure mobile printing options

- Enable 128-bit encrypted wireless direct printing from mobile devices—without accessing the network.4
- Print with just a touch of your NFC-enabled mobile device to this printer—no network needed.6
- Easily print from a variety of smartphones and tablets—generally no setup or apps required.7
- Easily access, print, and share resources with Ethernet and optional wireless networking.⁵

¹ Based on HP internal testing of top three leading competitors' first page out from sleep mode and duplex print and copy speed completed 8/2015. Subject to device settings Actual results may vary. For details, see hp.com/go/Ljclaims ² More pages versus predecessor cartridges claim based on page-yield comparison of HP 55X High Yield Black Original LaserJet Toner Cartridges with HP 87X High Yield Black Original LaserJet Toner Cartridges. For more information, see hp.com/go/learnaboutsupplies 3 Based on HF testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in energystar.gov versus the top three leading competitors as of 8/2015. Actual results may vary. For details see hp.com/go/Ljclaims 4 Wireless direct printing is standard on the HP LaserJet Enterprise Flow MFP M527z only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Laser Jet Enterprise MFP M527dn/f/c. Mobile device needs to be connected directly to the WiFi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see hp.com/go/businessmobileprinting 5 Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. ⁶ Touch-to-print capability is standard on the HP LaserJet Enterprise Flow MFP M527z only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Laser Jet Enterprise MFP M527dn/f/c. Mobile device must support Near Field Communication (NFC)—enabled printing. For more information, see hp.com/go/businessmobileprinting 7 Wireless operations are compatible with 2.4 GHz operations only. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at hp.com/go/mobileprinting 8 Purchase of optional paper trays required to reach maximum input capacity. Ocmpared with the HP Laser Jet Enterprise MFP M525. 10 Only HP offers a combination of security features for integrity checking down to the BIOS with selfhealing capabilities. Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more al hp.com/go/printersthatprotect 11 Some solutions require download or additional purchase. Learn more at hp.com/go/printingsolutions 12 Universal device plug-in is offered with HP Web Jetadmin 10.3 SR4 and higher. HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin 13 HP 87X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.

HP LaserJet Enterprise Flow MFP M527z

Product walkaround

- 1. 100-sheet automatic document feeder (ADF) with single-pass, two-sided scanning and HP EveryPage
- 2. Hardware Integration Pocket (HIP) for connecting accessory and third-party devices
- 3. Built-in wireless direct3 and NFC touch-to-print4
- 4. Easy-access USB port to save and print files directly²
- 5. 250-sheet output tray
- 6. Top cover (access to Original HP Toner cartridges with JetIntelligence)
- 7. 100-sheet multipurpose tray
- 8. 550-sheet tray 2
- 9. Intuitive 8-inch (20.3 cm) touchscreen control panel
- 10. Pull-out keyboard for easy, accurate data entry
- 11. Convenience stapler
- 12. Convenient front on/off button
- 13. Built-in automatic duplexer
- 14.800 MHz processor, 1.5 GB RAM⁵
- 15. HP High-Performance Secure Hard Disk
- 16. Slot for optional cable-type security lock
- 17. Fax port
- 18. HP Jetdirect Gigabit Ethernet print server
- 19. Hi-Speed USB 2.0 printing port
- 20. Hi-Speed USB 2.0 port (for connecting third party devices)
- 21. Rear door (access to the print path)



Series at a glance









Model

HP LaserJet Enterprise HP LaserJet Enterprise HP LaserJet Enterprise

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ge) √ (Plus HP EveryPage)
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'Solutions deployed through the Hardware Integration Pocket may require additional purchase. 'An administrator must enable the easy-access USB port before use. ³ Wireless direct printing is standard on the HP LaserJet Enterprise Flow MFP M527a nly. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP LaserJet Enterprise MFP M527dn/f/c. Mobile device needs to be connected directly to the Wi-Fin network of a wireless direct-capable MFP or printer prior to printing on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see hp.com/go/businessmobileprinting. *Touch-to-print capability is standard on the HP LaserJet Enterprise Flow MFP M527dn/f/c. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting. *Maximum memory can be expanded to 2 GB (System memory) by replacing standard memory module. 2 GB Memory DIMM Kit (B3G84-67909) can be purchased separately. Please visit hp.com/bus//parts for purchase of the printing. *Maximum memory manual printing.**Communication (NFC)-enable printing.**Co

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Next Business Day with Defective Media Retention:

Customers can retain their hard disk drive and keep control of sensitive data.

Same Day - 4 hour 9x5 and 13x5:

Sends an HP technician to customers' site the same business day for repair, within 4 hours, if the issue cannot be resolved through remote support. Various support window times are available, for different requirements.

For carepack availability visit: hp.com/go/cpc

Compatible with Windows* 10











Top features

Work quickly with the fastest first page out from sleep mode—on the most energy-efficient MFP in its class. 1.3 Launch two-sided printing, scan, and fax right from the touchscreen. Reload paper less often with a 2300-sheet maximum capacity.8

Trust your MFP is secure from power-up to power-down. Get strong protection for devices, data, and documents with embedded and optional security features while centrally managing your entire fleet.¹⁰

Bring out the best in your MFP. Print more high-quality pages than ever before, using specially designed Original HP Toner cartridges with JetIntelligence. Count on the authentic HP quality you paid for—something the competition can't match.

Enable secure wireless printing in the office—with or without network access—and keep users connected with Ethernet and optional wireless networking. Print with just a touch from mobile devices.

Accessories

F2A72A - HP LaserJet 500-sheet Paper Tray

F2A73A - HP LaserJet Printer Cabinet

E5K48A - HP 1GB DDR3x32 144-pin 800MHz SODIMM

B5L29A - HP Secure High Performance Disk Drive11

B5L53A - HP LaserJet MFP Analog Fax Accessory 60011

F2A87A - HP Internal USB Ports for M506/M527

J8031A - HP JetDirect 2900nw Print Server

J8030A HP JetDirect 3000w NFC/Wireless Accessory¹²

F5S62A - HP Trusted Platform Module Accessory

CZ208A - HP Common Card Reader

B5L31A - HP Foreign Interface Harness

A7W12A - HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese 13

A7W14A - HP LaserJet Keyboard Overlay Kit Swedish¹³

Supplies

CF287A - HP 87A LaserJet Toner Cartridge, black

CF287X - HP 87X LaserJet Toner Cartridge, black

Q7732A - HP Staple Cartridge Refill

B5L52A - HP 200 ADF Roller Replacement Kit

Services

HP LaserJet Enterprise Flow MFP M527 series

U8TT5E - HP 3 year Next Business Day + DMR LaserJet M527 MultiFunction Hardware Support

U8TT6E - HP 4 year Next Business Day + DMR LaserJet M527 MultiFunction Hardware Support

U8TT7E - HP 5 year Next Business Day + DMR LaserJet M527 MultiFunction Hardware Support

U8TT8E - HP 3 year 4 hour 9X5 + DMR LaserJet M527 MultiFunction Hardware Support

U2010E - HP Network Installation mid-range LaserJet Multifunction printer Service

¹ Based on HP internal testing of top three leading competitors' first page out from sleep mode and duplex print and copy speed completed 8/2015. Subject to device settings. Actual results may vary. For details, see hp.com/go/lcaims ² More pages versus predecessor cartridges claim based on page-yield comparison of HP 55X High Yield Black Original Laser/et Toner Cartridges. For more information, see hp.com/go/lcaims ² More pages versus predecessor cartridges claim based on a HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in energystar gov versus the top three leading competitors as of 8/2015. Actual results may vary. For details see hp.com/go/lcaims ² More pages on HP betting is standard on the HP Laser Jet Enterprise Flow MFP M527 only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Laser Jet Enterprise MFP M527dn/f/c. Mobile device needs to be connected directly to the WiFi network of a wireless direct—capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see hp.com/go/businessmobileprinting ⁵ Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. ⁸ Purchase of optional paper trays required to reach maximum input capacity. ¹⁰ Some features require additional purchase. Learn more at hp.com/go/printsecurity ¹¹ M527d bundle only. ¹² M527z bundle only. ¹³ M527z bundles only.

HP LaserJet Enterprise MFP M527 series

nr Laseijei	Enterprise MFP M52	?7 series		
Technical Specifications	HP LaserJet Enterprise MFP M527dn(F2A76A)	HP LaserJet Enterprise MFP M527f(F2A77A)	HP LaserJet Enterprise Flow MFP M527c(F2A81A)	HP LaserJet Enterprise Flow MFP M527z(F2A78A
IO functions	Print, copy, scan; AIO multitasking supported: Yes		Print, copy, scan, fax; AIO multitasking supported: Yes	
rint speed	Letter: Up to 45 ppm black; 15; First Page Out Black: As fast as 5.7 sec; As fast as 11.2 sec (100 V); 17 Letter: Up to 45 ppm black; 15; First Page Out Black: As fast as 5.9 sec; As fast as 11.3 sec (100 V); 17			
rint resolution	Black (best): Up to 1200 x 1200 dpi			
rint Technology	Laser; Print Resolution Technologies: 300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200			
andard Print Languages	HP PCL 6, HP PCL 5 (HP PCL 5 driver available from the Web only), HP postscript level 3 emulation, native PDF printing (v 1.7)			
rinter Smart Software Features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB			
rinter Management	UPD Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP Proxy Agent Software; HP JetAdvantage Security Manager			
an Type / Technology		Type: Flatbed, ADF (two-sided, single-pa	ss); Technology: CIS (Contact Image Sensor)	
an Resolution		Hardware: Up to 600 x 6	00 dpi; Optical: Up to 600 dpi	
can File Format	527dn &M527f: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A M527c & M527fz: Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), Unicode TEXT (OCR), Earchable 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), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)			
can Input Modes	Front panel ap	plications: Copy, E-mail, Save to Network Folder, Save to	JSB, Save to Device Memory, Open Extensibility Platform (OX	P) applications
an Size		ADF: 8.5 x 14 in Maximum; 4 x	6 in Minimum; Flatbed: 8.5 x 14 in	
an Speed	Up to 45 ppm/45 ipm (b&w), up to 40 ppm/40 ipm (col	or) ¹⁹ ; Duplex: Up to 45 ipm (b&w), up to 40 ipm (color)	Up to 48 ppm/68 ipm (b&w), up to 48 ppm/60 ipm (col	or) ¹⁹ ; Duplex: Up to 68 ipm (b&w), up to 60 ipm (col
anner Advanced Features	Optimize text/picture; Image adjustments; Job build; Outpu Auto detect color; Edge Erase; Job notificat	ut quality setting; Selectable scan resolution 75 to 600 dp ion; Blank page suppression; HP Quick Sets	i; Optimize text/picture; Image adjustments; Job build; Outpu Auto detect color; Edge Erase; Job notification; Blank orientation; Embedded Optical Character Rec	page suppression; HP Quick Sets; HP EveryPage; Aut
t depth / Grayscale levels		24-	oit / 256	
igital Sending Standard eatures	only); OCR (M527c &M527z only); Local Address Book	rive; Send to Sharepoint (M527c &M527z only); Send to F k; SMTP over SSL; Blank Page Removal; Edge Erase; Auto	TP (M527c &M527z only); Send to LAN Fax(M527f, M527c &M Color Sense; Auto Crop To Content; Compact PDF; Auto Tone yhten (M527c &M527z only); Auto Crop To Page (M527c &M5	scale (M527c &M527z only); Auto Orientation (M527
opy Speed		Black (letter)	: Up to 45 cpm; ¹⁸	
py Resolution	Black (text and Gr	aphics): Up to 600 x 600 dpi (flatbed), 600 x 450 dpi (AD	r); Color (text and Graphics): Up to 600 × 600 dpi (flatbed), 3	800 x 600 dpi (ADF)
pier Settings	Two-sided copying; scalability; image adjustments (darkne		Z-ordering; content orientation; collation; booklet; job build; e media sizes)	dge-to-edge job storage; ID Copy; Book Copy; A-to-I
ix Speed			Up to: 33.6 kbps; Letter: 3 sec per page 14	
x Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi			tandard): 203 x 98 dpi
x Smart Software Features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/internet fax; Fax number confirmation; Holiday fax schedule			
x Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Fax Forwarding Supported: Yes; Fax Telepho Mode Supported: No; Junk Barrier Supported: Yes; PC Interface Supported: Yes, Telephone Handset Supported: No			
andard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed U	SB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network	; 1 Fax (M527f, M527c & M527z only), Wireless Direct 802.1	l b/g/n (M527z only), NFC (M527z only).
twork Capabilities	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-IPP, XMPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Teln IGMPv2, B00TP/DHCP, WINS, IP Direct Mode, WS Print			
etwork Ready		Standard (built-in	Gigabit Ethernet)	
reless Capability	Optional, enabled with pu	rchase of HW accessories.	No	Yes, integrated NFC/HP Wireless Direct
obile Printing Capability		HP ePrint; Apple AirPrint™; Mopria-certified12; Wireless D	irect Printing (M527z only); NFC touch-to-print ¹³ (M527z only)
emory			r); Maximum: 2.0 GB (Printer), 500 MB (Scanner)	
ocessor Speed	4.2.611		rmance Secure Hard Disk, minimum 320 GB; AES 128 hardw	are encryption or greater: Secure erase capabilities (
ity Cycle	File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk); U.S. Government: Standard, FIPS 140-2 validated hard disk, minimum 500 GB			
	Monthly, letter: Up to 150,000 pages ³ : Recommended Monthly Page Volume: 2000 to 7500 Insul Canacities: 1 y 550.choot insul train 1 y 100.choot multipurpose train 3 y optional additional 550.choot insul trains: Up to 650 choots standard: Up to 10 page longer (Author) Canacities: 250.choot output from the control of th			
aper Handling	Input Capacities: 1 x 550-sheet input tray, 1 x 100-sheet multipurpose tray, 3 x optional additional 550-sheet input trays; Up to 650 sheets standard; Up to 10 envelopes labels legal; Dutput Capacities: 250-sheet output bin; Up 250 sheets standard labels legal; Dutput Capacities: 74 yees Supported: Paper (bond: Standard Paper Trays: 2; Media Types Supported: Paper (bond: Standard Paper Trays: Paper Trays: Paper (bond: Standard Paper Trays: Paper Tra			
roduct Dimensions	,		n; Maximum: 19.96 x 24.83 x 19.55 in	1
oduct Weight	48.2 lb ¹	48.5 lb1	48.6 lb ¹	49.1 lb ¹
hat's in the box			oftware and electronic documentation; User Guide; Support F	
arranty Features	One-ye	ar, next-business day, onsite warranty. Warranty and su	oport options vary by product, country and local legal require	ments.
ergy Efficiency Compliance		ENERGY STAR® certifier	; Blue Angel; CECP; EPEAT®	
ntrol Panel	8.0-in (20.3 cm) color LCD with touchscreen; rotating (adju		8.0-in (20.3 cm) color LCD with touchscreen; rotating (adju	
splay Description		8.0" (20.3 cm) touchscreen, SVGA LCD (color	graphics), smooth gesture enabled touchscreen	
oftware Included	For Windows OS; HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Send Fax, HP Update, Product Registration Assist, HP Web Services Assist (HP Connected), Online user manuals ;For Mac C Welcome Screen, (Directs users to HP.com or OS App Soure for Laser.Jet Software)			
onts and Typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscriopt Level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts (Andale Mono World Type); 2 Internal 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			
ompatible Operating Systems		Go to hp.com/search for Hp LaserJet Enter	orise MFP M527 Printer for all operating systems	
mpatible Network Operating stems			orise MFP M527 Printer for all operating systems	
inimum System Requirements	PC: Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc.); Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.); Windows 7 all 32- & 64-bit editions; Windows 8/8.1 all 32- & 64-bit editions (excluding RT Os for Tablets); CD-ROM or DVD drive, or Internet connection; Dedicated USB or network connection or Wireless connection; 200 MB available hard disk space; OS compatible hardware (For OS hardware requirements see http://www.microsoft.com); MAC: Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB HD; OS compatible hardware (For OS hardware Vision); MAC: Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB HD; OS compatible hardware (For OS hardware Vision); MAC: Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB HD; OS compatible hardware (For OS hardware Vision); MAC: Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB HD; OS compatible hardware (For OS hardware Vision); MAC: Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB HD; OS compatible hardware (For OS hardware Vision); MAC: Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB HD; OS compatible hardware (For OS hardware Vision); MAC: Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB HD; OS compatible hardware (For OS hardware Vision); MAC: Mac OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB HD; OS Compatible hardware (For OS hardware Vision); MAC: Mac OS X 10.8 Mountain Lion, OS X 10.9 Mountain Lion			
ower	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input Voltage: 100 to 127 VAC, 50/60 Hz, 7.5 A (+/- 10%); Input Voltage: 220 to 240 VAC, 50/60 Hz, 4.0 A (+/- 10%) (Not dual voltage, input voltage requirement and supplied power cord varies by part number and option code identifier); Power Consumption: 671 watts (Printing), 27.8 watts (Ready), 3.2 watts (Sleep), 0.71 watts (Auto-Off/Auto-On), LAN connection: 0.06 watts (Auto-Off), 0.06 watts (Off) ³			
coustics				
	Acoustic Power Emissions: 6.8 B(A): Acoustic Pressure Emissions: 5.4 dB(A) ⁷ Operating Temperature Range: 59 to 90.5%; Recommended Operating Temperature: 63.5 to 77%; Storage Temperature Range: 40 to 40%; Non-Operating Humidity Range: 10 to 90% RH; Operating Humidity Range: 10 to 90% RH; Operating Humidity Range: 10 to 70% RH			
perating Environment	Uperating Temperature Range: 59 to 90.5%; Recomme			Range: 10 to 90% RH; Operating Humidity Range:
Operating Environment Security Management		80% RH; Recommended Humid ise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over		

Learn more at hp.com

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¹ Includes size A toner cartridge. ² AirPrint™ and ioS 4.2 or later devices require an 802.11 wireless network connection to the printer. Wireless performance is dependent upon physical environment and distance from the access point. AirPrint and the AirPrint Logo are trademarks of Apple® Inc. Wireless operations are compatible with 2.4 GHz operations only. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at hp.com/go/mobileprinting a '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 values typicallty based on measurement of 115 V device. ⁴ Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. ⁵ Declared yield value in accordance with ISO/IEC 19752 and continuous printing, Actual yields vary considerably based on images printed and other factors. For details see hp.com/go/learnaboutsupplies ⁴ HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. To learn more, visit hp.com/go/SureSupply ² Acoustic values are subject to change. For current information see hp.com/support ® Maximum memory is with 1 GB DIMM installed. The maximum the FW can use is 2GB so 250 MB is unused in this configuration. ⁵ 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 LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. ¹¹0 HP recommends that the number of scanned pages per month be within the stated range for optimum device performance. ¹¹1 Not all "Compatible Operating System

HP Color LaserJet Pro M453-M454 series



HP Color LaserJet Pro M454 printer. Designed to let you focus on growing business, staying ahead.

Winning in business means working smarter. The HP Color LaserJet Pro M454 printer is designed to let you focus your time where it's most effective-helping to grow your business and staying ahead of the competition.

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. http://www.hp.com/go/learnaboutsupplies



HP Color LaserJet Pro M454dn



HP Color LaserJet Pro M454dw

Built to keep you—and your business—moving forward.

- Help decrease the amount of paper used in the office by printing on both sides of the
- Grab pages and go—without waiting. This device wakes up and prints first page out fast.¹
- Print wirelessly with or without accessing the network with dual band Wi-Fi and Wi-Fi
- ROAM compatible for easy printing from virtually anywhere⁵

Best -in-class security 6

- A suite of embedded security features help protect your printer from being an entry point for attacks.6
- Help secure confidential information with optional PIN/Pull printing to retrieve print jobs.⁷
- Optional HP JetAdvantage Security Manager lets you set configuration policies and validate settings.8
- Thwart potential attacks and take immediate action with instant notification of security issues. 17

Simply designed to uncomplicate your day

- Set up this printer fast and easily manage device settings to help increase overall printing
- Make the most of your office space with a printer that conveniently fits into your work
- Work without delays or messes, with cartridges featuring auto seal removal.
- Tackle tasks quickly and easily—with the simple 2.7" (6.8cm) color touchscreen.

Sustainability is smart business

- Avoid frustrating reprints, wasted supplies, and service calls using Original HP toner cartridges.
- Help save paper right out of the box. The duplex print setting is set at default paper savings mode.9
- Saves up to 11% energy over prior products. 10
- Help save energy with HP Auto-on/Auto-off technology. 12

Measured using ISO/IEC 24734 and 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. Letter: Black/Color-9.8/12.1, A4: Black/Color 9.9/12.4 sec.

Wireless operations are compatible with 2.4 GHz and 5 GHz operations. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at

http://www.hp.com/go/mobileprinting

³ Features is only supported by the HP LaserJet Pro M454nw and M454dw printers. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.

⁴ Feature is supported on the HP Laser Jet Pro M454nw and M454dw printers only. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct–capable MFP or printer prior to printing. Depending

on mobile device, an app or driver may also be required. Learn more at http://www.hp.com/go/pusinessmobileprinting

Feature is only available for the HP Color Laser Jet Pro M452dw. Requires a wireless access point and an Internet connection to the printer. Services require registration. App availability varies by country, language, and agreements and requires a firmware upgrade. For details, visit hpconnected.com

assed on HP review of 2019 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 hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims

Pin printing enabled via USB installed in rear of device.

⁸ HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit http://www.hp.com/go/securitymanager

9 All new product introductions beginning in Fall 2019 will include consistent worldwide default duplex settings (across bundles/drivers); Spring 2019 will include consistent worldwide default duplex settings for most products across the most common drivers.

10 Based on HP Internal testing using normalized TEC Value, 2019.

11 Instant threat notifications can appear on the device control panel when a potential threat occurs from malicious intent or there is a bug or vulnerability in the firmware code of the device. If this error raises concern,

please control panel error message may show an error code on a blue screen during ode signature checks or memory write intrusions.

12 HP Auto-In/Auto-In/Expressional acceptabilities exploit to perform a code of the device. If this error raises concern, please contact your company IT representative or, if unavailable, HP Support, who can investigate the cause through analysis of device syslog data using a standard SIEM tool from McAfee, Splunk, Arcsight or SIEMonster. The control panel error message may show an error code on a blue screen during code signature checks or memory write intrusions.

HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

Product walkaround

- 1. 150-sheet output bin
- 2. Easy-access USB port1
- 3. Front door release button
- 4. Front door access to HP JetIntelligence toner cartridges
- 5. Hi-Speed USB 2.0 printing port, USB port for job storage with PIN printing, 2 Gigabit Ethernet LAN port
- 6. 2.7-inch (6.9 cm) customizable color touchscreen³
- 7. 50-sheet multipurpose tray 1 supports media sizes up to 8.5×14 inches (216×356
- 8. Dual-band Wi-Fi with Bluetooth® Low Energy⁴ for easy wireless printing and setup
- 9. Automatic two-sided printing
- 10. 250-sheet tray 2 supports media sizes up to 8.5 x 14 inches (216 x 356 mm)



Series at a glance





Model	HP Color LaserJet Pro M454dn	HP Color LaserJet Pro M454dw	
Model (product number)	M454dn (W1Y44A)	M454dw (W1Y45A)	
Functions	Pr	int	
Print speed (black and color) ⁵	Up to 28/27 pages p	per minute (letter/A4)	
Two-sided printing	Auto	matic	
50-sheet multipurpose tray 1, 250-sheet tray 2	√		
Optional input accessory: 550-sheet paper tray	√		
Easy-access USB port ¹	Not available	√	
Control panel ³	2-line LCD	2.7-inch (6.9 cm) customizable color touchscreen	
Input capacity (standard/maximum ⁶)	Up to 300/850 sheets		
Recommended monthly page volume ⁷	Up to 4,000 pages		
Cartridge yields ⁸ (A/X)	Black: ~2,400/7.500 pages; Color: ~2,100/6,000 pages		
Dual-band Wi-Fi with Bluetooth® Low Energy ⁴	Not available	√	

¹ An administrator must enable the easy-access USB port before use.
2 Requires purchase of separate USB flash drive with at least 16 GB capacity.
3 The color touchscreen is only available on the HP Color LaserJet Pro M454dw model. The M454dn model has a 2-line LCD display.
4 Wireless operations are compatible with 2.4 GHz and 5 GHz operations only. Wi-Fi is a registered trademark of Wi-Fi Alliance®. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. Learn more at hp.com/go/mobileprinting.
5 Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and documents.

document complexity.

6 Purchase of optional paper-handling accessories required to reach maximum input capacity.

7 Recommended Monthly Page Volume (RMPV): 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.

8 Actual yields and costs vary considerably depending on images printed, number of color pages printed, and other factors. Optional high-yield cartridges are not included in printer purchase and must be purchased

separately.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc:

Top features

Today's businesses are always on, and always connected. Choose a printer that can keep up with how you actually work, collaborate, and get things done.

HP Print Security isn't just about securing printers. It's about helping to secure your network with real-time threat detection, automated monitoring, and software validation—designed to detect and stop an attack as it happens.6

You have enough to worry about each day. It's easy to accomplish what you need—and exceed your own expectations—with a streamlined printer that's simple to use.

Business is all about resource management, and finding efficiencies is everyone's responsibility. HP LaserJet printers are designed with the environment in mind, so you can handle what you need while conserving energy wherever possible.

Accessories

HP Laser let 550-sheet Paper Feeder CF404A

HP v222w 16GB Mini USB Drive P0R81AA

Supplies

HP 414A Black Original LaserJet Toner Cartridge (~2,400 pages) W2020A

HP 414A Cyan Original LaserJet Toner Cartridge (~2,100 pages) W2021A

HP 414A Yellow Original LaserJet Toner Cartridge (~2,100 pages) W2022A

HP 414A Magenta Original LaserJet Toner Cartridge (~2,100 pages) W2023A

HP 414x Black Original LaserJet Toner Cartridge (~7,500 pages) W2020x

HP 414x Cyan Original LaserJet Toner Cartridge (~6,000 pages) W2021x

HP 414x Yellow Original LaserJet Toner Cartridge (~6,000 pages) W2022x

HP 414x Magenta Original LaserJet Toner Cartridge (~6,000 pages) W2023x











Services

UB9U7E - HP 3y NBD CLJ Pro M454 SVC

UB9U8E - HP 4y NBD CLJ Pro M454 SVC

UB9U9E - HP 5y NBD CLJ Pro M454 SVC

UCOQ8E - HP 3y 4h 9x5 CLJ Pro M454 SVC

UCOQ9E - HP 4y 4h 9x5 CLJ Pro M454 SVC

UCOROE - HP 5v 4h 9x5 CL J Pro M454 SVC

UB9V0E - HP 3y NBD Exchange CLJ Pro M454 SVC

UB9V1E - HP 3y Onsite Exchange CLJ Pro M454 SVC

UB9V2E - HP 3y Return to Depot CLJ Pro M454 SVC

UB9V3PE - HP 1y PW NBD CLJ Pro M454 SVC

UCOR1PE - HP 1v PW 4h 9x5 CL J Pro M454 SVC

UB9V4PE - HP 1y PW NBD Exchange CLJ Pro M454 SVC

UB9V5PE - HP 1y PW Onsite Exch CLJ Pro M454 SVC

UB9V6PE - HP 1y PW Return to Dep CLJ Pro M454 SVC

U9JT1E - HP Inst SVC w/nw Personal Scanner & Prnt

Solutions

HP Web Jetadmin: hp.com/go/wia

HP Universal Print Driver: hp.com/go/upd

HP Imaging and Printing Security Center: hp.com/go/ipsc

¹ Measured using ISO/IEC 24734 and 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. Letter: Black/Color-9.8/12.1, A4: Black/Color 9.9/12.4 sec.

² Wireless operations are compatible with 2.4 GHz and 5 GHz operations. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at

http://www.hp.com/go/mobileprinting

³ Features is only supported by the HP LaserJet Pro M454nw and M454dw printers. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN

connections.

⁴ Feature is supported on the HP LaserJet Pro M454nw and M454dw printers only. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct—capable MFP or printer prior to printing. Depending

Feature is supported on the ner Laser act of MP3-HW did MP3-HW printers only, Mobile device, an app or driver may also be required. Learn more at http://www.hp.com/go/businessmobileprinting
5 Feature is only available for the HP Color Laser Jet Pro M452dw. Requires a wireless access point and an Internet connection to the printer. Services require registration. App availability varies by country, language, and agreements and requires a firmware upgrade. For details, visit hpconnected.com
6 Based on HP review of 2019 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, wisit hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims
7 Des pretieves apolled visit in person of days.

⁷ Pin printing enabled via USB installed in rear of device.

8 HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit http://www.hp.com/go/securitymanager

9 All new product introductions beginning in Fall 2019 will include consistent worldwide default duplex settings (across bundles/drivers); Spring 2019 will include consistent worldwide default duplex settings for most products across the most common drivers.

10 Based on HP Internal testing using normalized TEC Value, 2019.

[&]quot;Based on HP Internat testing using normalized IEC value, 2019."
Ill Instant threat notifications can appear on the device control panel when a potential threat occurs from malicious intent or there is a bug or vulnerability in the firmware code of the device. If this error raises concern, please contact your company IT representative or, if unavailable, HP Support, who can investigate the cause through analysis of device syslog data using a standard SIEM tool from McAfee, Splunk, Arcsight or SIEMonster.

The control panel error message may show an error code on a blue screen during code signature checks or memory write intrusions.

12 HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

HP Color LaserJet Pro M453-M454 series

Model	HP Color LaserJet Pro M454dn	HP Color LaserJet Pro M454dw	
Product number	W1Y44A	W1Y45A	
AIO functions	Print		
Print			
Print speed ¹²⁸	Letter: Up to 28 ppm Black; Up to 28 ppm Color; 2-sided: Up to 25 ipm Black; Up to 25 ipm Color; First page out: As	fast as 9.5 sec Black; As fast as 11.3 sec Color; Print speed (Landscape, A5): Up to 49 ppm Black; Up to 49 ppm Color	
Print resolution	Black (best) 600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi; Black (normal) 600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi Color (best): 600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi; Color (normal): 600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi		
Print technology	Laser; Print resolution technology: HP ImageREt 3600, PANTONE® calibrated		
Print cartridges number	4 (1 each black, cyan, magenta, yellow)	Tuesday a vesse a vess	
Standard print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, PWG Raster	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster	
Printer smart software features	Apple AirPrint ^M , Mopria certified, Google Cloud Print 2.0, ROAM capable for easy printing, HP ePrint, HP Auto- On/Auto-Off Technology, Job Storage with PIN printing, N-up printing, collation	Apple AirPrint [™] , Mopria certified, Google Cloud Print 2.0, Wi-Fi Direct Printing, ROAM enabled for easy printing, HP ePrint, HP Auto-On/Auto-Off Technology, Bluetooth® Low-Energy, Job Storage with PIN printing, N-up printing, collation	
Printer management	HP Printer Assistant; HP Utility (Mac); HP Device Toolbox; HP Web JetAdmin Software; HP JetAdvantage Security Ma (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)	inager; HP SNMP Proxy Agent; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver	
Connectivity			
Standard connectivity	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; 1 Wireless 802.11b/g/n/2.4/5 Ghz Wi-Fi radio	
Network capabilities	Yes, via built-in 10/100/1000Base-Tx Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1x		
Wireless capability		Yes, built-in dual-band Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS Wi-Fi Direct; Bluetooth Low-Energy	
Mobile printing capability ⁶	Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App and other mobile Apps; Mopria™ Certified; ROAM ca		
Memory	Standard: 256 MB NAND Flash, 512 MB DRAM; Maximum: 256 MB NAND Flash, 512 MB DRAM	Standard: 512 MB NAND Flash, 512 MB DRAM; Maximum: 512 MB NAND Flash, 512 MB DRAM	
Processor speed	1200 MHz /		
Duty cycle (monthly)9	Letter:Up to 50,000 pages; Recommended monthly page volume 10: 750 to 4000		
Paper handling			
Input	50-sheet multipurpose tray, 250-sheet input tray; Up to 300 sheets Standard		
Output	150-sheet output bin; Up to 150 sheets Standard		
Duplex Options	Automatic (default)		
Envelope feeder	No		
Standard paper trays	2		
Media types	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes		
Media weight	Tray 1: 16 to 47 lb bond (up to 52 lb with HP Color laser glossy photo papers); Tray 2: 16 to 43 lb bond (up to 47 lb with postcards, up to 52 lb with HP Color laser glossy photo papers); optional Tray 3: 16 to 43 lb bond (up to 47 lb viptostcards, up to 40 lb with HP Color laser glossy photo papers); Automatic duplexer: 16 to 43 lb		
Media sizes	Tray 1, Tray 2: Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in, envelopes (No 10, Monarch); Optional Tray 3: Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in; Automatic duplexer: Letter, legal, executive, Oficio (13 in)		
Media Sizes Custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional Tray 3: 3.94 x 5.83 to 8.5 x 14 in		
Dimensions (w x d x h)	16.2 x 18.5 x 11.6 in; Maximum: 16.2 x 25.6 x 11.6 in	16.2 x 18.5 x 11.6 in; Maximum: 16.2 x 25.6 x 13.4 in	
Weight	41.7 lb	Tuncia de la contrata del contrata del contrata de la contrata del contrata de la contrata de la contrata del contrata de la contrata del contrata de la contrata del contrata de la contrata del contrata del contrata del contrata de la contrata del contrata del contrata del contrata del contrata del contrata del contrata	
What's in the box ¹	HP Color Laser,let Pro M454dn; 4 preinstalled Introductory HP Laser,let Toner cartridges (Black, Qvan, Magenta, Vellow: ~ 1200 pages); In-box documentation (Getting Started Guide, Install Poster), regulatory fiyer; internet connection is required to set up the printer. HP printer software is available at http://www.hp.com/support; Power cord; USB cable (AP only)	HP Color LaserJet Pro M454dw, 4 preinstalled Introductory HP LaserJet Toner cartridges (Black, Cyan, Magenta, Yellow - 1200 pages): In-box documentation (Getting Started Guide, Install Posted): regulatory flyer, warranty card (China, Mexico): Internet connection is required to set up the printer. HP printer software is available at http://www.hp.com/support; Power cord; USB cable.	
Warranty features	One-year Bench/Depot Repair warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and support options in your region. (wty code 4E; wty ID A033)		
Energy efficiency compliance	EPEAT® Silver; CECP; ENERGY STAR® qualified; Blue Angel RAL-UZ 205		
Control panel	2-line backlit LCD graphic display; 5 buttons (Cancel, Select, Reverse, Right/Left arrows); LED indicator lights (Attention, Ready)	2.7 inch intuitive color touchscreen; 3 Buttons (Home, Help, Back)	
Display	2-line backlit LCD graphic display	2.7-in intuitive color touchscreen	
Software included	No software solutions are included in the Box, only on http://hp.com, http://123.hp.com/laserjet		
Fonts and typefaces	84 scalable TrueType fonts		
Compatible operating systems	Windows Client OS (32/64 bit), Win 10, Win 8.1, Win 8 Basic, Win 8 Pro, Win 8 Enterprise, Win 8 Enterprise N, Win 7 Sterra v 10.13, Apple® mac OS Mojaev v 10.14, Discrete PLCI & Printer Driver, For more information on the supported your product name and search for User Guide, Search for your (Product Name) User Guide, Search for the Supported supported operating systems see http://www.hp.com/go/yupd	rter Edition SP1, UPD Win7 Ultimate, Mobile OS, IOS, Android, Mac, Apple® mac/OS Sierra v10.12, Apple® mac/OS High opperating systems go to http://support.hp.come. Enter your product name and search, Click on User Guides and enfer d Operating Systems section, UPO PCL6 / PS Printer Drivers, Supported Operating systems, For more information on th	
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 R4-bit, Windows 2008 R2, Remote Desktop server 2012 R2, Cirks Server 6.5, Cirks xende, 8x-xnDesktop 7.6, Novell Print server, C more information see http://developers.hp.com/hp-linux-imaging-and-printing, Unix-For more information see hi please see http://hp.com/go/up	erver 2012 R.2 64-bit, Windows Server 2016 64-bit, Fallover Cluster 2008 R.2, Fallover Cluster 2012 R.2, Freminal server trink Ready Kit Certification - Up to Citrix Server 7.1 8 for more information see http://citroxeady.citrix.com, Linux-For tp://hp.com/go/unixmodelscripts, UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating system	
Minimum system requirements	PC:2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware req Mac: 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com		
Power ³	Typical electricity consumption (TEC) number: 1.144 kWh/Week (Energy Star), 1.046 kWh/week (Blue Angel)	(+/- 10%), 60 Hz (+/- 3 Hz); 220-volt input voltage; 220 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz) (Not dual voltage,), 17 watts (ready), 0.9 watts (sleep), 0.9 watts (HP auto-off/auto-on), 0.07 watts (auto-off/manual-on), 0.07 watts (of	
Acoustics	Acoustic power emissions: 6.2 B(A)	4) 40405 0 11 1 111 40 1000000	
Operating environment		ure range: -4 to 104°F; Operating humidity range: 10 to 80% RH (non-condensing); Recommended operating humidity	
Security management	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TIS.1.0, TLS.1.1, TLS.1.2; IPP over TLS, Network: enable/disable network ports and features, unused protocol and service disablement, SMMPv1, SNMPv2, and SMMPv3, community password change; IPP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; Firewall and ACL; control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, 802.1 va uthentication (EAP-TLS, and PEAP): Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, Compatible with optional IPD setAdvantage Security Manage, Compatible with optional IPD setAdvantage Security Manage, Compatible with optional IPD setAdvantage Security Manage.	Secure Boot; Secure Firmware Integrity, Runtime Code Integrity, password protected EWS; secure browsing via SSL/TLS 1.0, TLS 1.1; TLS 1.2; IPP over TLS; Network: enabled/disable network ports and features; unsued protocol and service disablement; SNMPv1; SNMPv2; and SNMPv3; community password change; IPP ePrint: HTTPS with certificate volidation; HTTP Basic Access Authentication; SSLS authentication; Firewall and ACL; control panel lock; certificates configuration; UPD PIN printing; Syslog; signed firmware; administrator settings; 802.1 x authentication (EAP-TLS, and PEAP); authentication via WEP; WPA/WPAP Zersonat; WPA2-enterprise; encryption via RE5 or TKIP; Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage; Compatible with optional IPJ JetAdvantage Security Manage; IPS	

⁴Toner cartridges designed for distribution and use within a designated region only; will not work outside of designated region.

⁷ Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

To learn more, visit hp.com

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¹ In box cartridges yield ~1,200 color composite (C/Y/M) and ~1,200 black pages 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. Pages may vary based on customer printing conditions.

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 values typicallty based on measurement of 115V device.

³ BA TEC is equal to Best TEC. 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 115 V device.

Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies Local printing requires mobile device and printer to be on the same network (usually Wi-Fi access points bridge wireless to wired connections) or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Remote printing requires an Internet connection to an HP web-connected printer. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. For more information visit hp.com/go/mobileprinting. To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit hp.com/go/roam

⁸ 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.

⁹ 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 LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

¹⁰ HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period

¹¹ HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit http://www.hp.com/go/SureSupply; only available with Original HP supplies; Internet access required.

12 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

Data sheet

HP Color LaserJet Pro MFP M479 series



The HP Color LaserJet Pro MFP M479 – focus your time on growing business and staying ahead.

Winning in business means working smarter. The HP Color LaserJet Pro MFP M479 is designed to let you focus your time where it's most effective-growing your business and staying ahead of the competition.

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. http://www.hp.com/go/learnaboutsupplies



HP Color LaserJet Pro MFP M479dw



HP Color LaserJet Pro MFP M479fdn



HP Color LaserJet Pro MFP M479fdw

Built to keep you—and your business—moving forward

- Scan files directly to Microsoft® SharePoint®, email, USB, and network folders.¹
- Help save time by automating all the steps in a complicated workflow and apply saved settings.²
- Print wirelessly with or without the network, stay connected with dual band Wi-Fi and Wi-Fi direct.^{3,4,5}
- Print effortlessly from any device, virtually anywhere, toany HP printer—securely through the cloud.

Best-in-class security--detect and stop attacks7

- A suite of embedded security features help protect your MFP from being an entry point for attacks.
- Thwart potential attacks and take immediate action with instant notification of possible security issues.¹²
- Help ensure security of confidential information with optional PIN/Pull printing to retrieve print jobs.
- Optional HP JetAdvantage Security Manager lets you set configuration policies and validate settings

Simply designed to uncomplicate your day

- Set up this MFP fast, and easily manage device settings to help increase overall printing efficiency.
- Tackle tasks quickly and easily—with the simple 4.3" (10.9cm) color touchscreen.
- Print Microsoft® office formatted files in addition to PDFs right off your USB drive.9
- Avoid interruptions with an HP LaserJet MFP designed to be streamlined for maximum productivity.

Sustainability is smart business

- Avoid frustrating reprints, wasted supplies, and service calls using Original HP toner cartridges.
- Help save paper right out of the box. The duplex print setting is set at default paper savings mode.
- Saves up to 18% energy over prior products. 11
- Help save energy with HP Auto-On/Auto-Off Technology. 13

Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see http://www.hpconnected.com² Connect printer/MFP to the network and complete customization through the Embedded Web ³ Wireless operations are compatible with 2.4 GHz and 5 GHz operations. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at http://www.hp.com/go/mobileprinting ⁴ Feature is only supported by the HP Color LaserJet Pro MFP M479dw, M479ftww, and M477fnw. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections ⁵ Feature is supported on the HP LaserJet Pro M479dw/M479fnw/M479fdw only. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct—capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Learn more at http://www.hp.com/go/businessmobileprinting ⁶ To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit http://www.hp.com/go/roam ⁷ Based on HP review of 2019 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/printersecurityclaims ⁸ Pin printing enabled via USB installed in rear of device. ⁹ Microsoft and PowerPoint are U.S. registered trademarks of the Microsoft group of companies. Feature works with Microsoft Word and PowerPoint are U.S. registered trademarks of the Microsoft group of companies. Feature works with Microsoft Word and Power

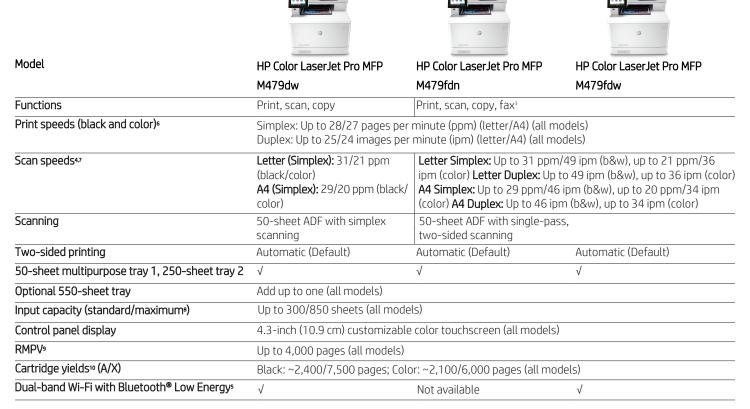
HP Color LaserJet Pro MFP M479fdw

Product walkaround

- 1. 4.3-inch (10.9 cm) customizable color touchscreen
- 2. Easy-access USB port1
- 3. Front door release button
- 4. Front door (access to HP JetIntelligence toner cartridges)
- 5. Hi-Speed USB 2.0 port, USB port for job storage and PIN printing,² Gigabit Ethernet LAN port, Fax port³
- 6. 50-sheet ADF with single-pass, two-sided scanning 4 supports media sizes up to 8.5 x 14 inches (216 x 356 mm)
- 7. Flatbed scanner handles media sizes up to letter (A4)
- 8. 150-sheet output bin
- 9. Dual-band Wi-Fi with Bluetooth® Low Energy⁵ for easy wireless printing and setup
- 10. 50-sheet multipurpose tray 1 supports media sizes up to 8.5×14 inches (216 \times 356 mm)
- 11. Automatic two-sided printing
- 12. 250-sheet tray 2 supports media sizes up to 8.5×14 inches (216×356 mm)



Series at a glance



¹ An administrator must enable the easy-access USB port before use. ² Requires purchase of separate USB flash drive with at least 16 GB capacity. ³ Fax capability is not available on the HP Color Laser Jet Pro MFP M479dw model. ⁴ Single pass, two-sided scanning is not available on the HP Color Laser Jet Pro MFP M479dw model. The MFP M479dw offers simplex scanning capabilities. 5 Wireless operations are compatible with 2.4 GHz and 5 GHz operations only. Wi-Fi is a registered trademark of Wi-Fi Alliance[®]. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. Learn more at hp.com/go/mobileprinting. ⁶ Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁷ 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. ⁸ Purchase of optional paper tray required to reach maximum input capacity. ⁹ Recommended Monthly Page Volume (RMPV): 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. ¹⁰ Actual yields and costs vary considerably depending on images printed, number of color pages printed, and other factors. Optional high-yield cartridges are not included in printer purchase and must be purchased separately.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc

Top features

Today's businesses are always on, and always connected. Choose an MFP that can keep up with how you actually work, collaborate, and get things done.

HP Print Security isn't just about securing printers. It's about helping to secure your network with real-time threat detection, automated monitoring, and software validation—designed to detect and stop an attack as it happens.

You have enough to worry about each day. It's easy to accomplish what you need—and exceed your own expectations—with a streamlined MFP that's simple to use.

Business is all about resource management, and finding efficiencies is everyone's responsibility. HP LaserJet MFPs are designed with the environment in mind, so you can handle what you need while conserving energy wherever possible.

Accessories

CF404A HP LaserJet 550-sheet Feeder Tray POR81AA HP v222w 16 GB Mini USB Drive

Supplies

W2020A	HP 414A Black LaserJet Toner Cartridge (~2,400 pages)
W2021A	HP 414A Cyan LaserJet Toner Cartridge (~2,100 pages)
W2022A	HP 414A Yellow LaserJet Toner Cartridge (~2,100 pages)
W2023A	HP 414A Magenta LaserJet Toner Cartridge (~2,100 pages)
W2020X	HP 414X Black LaserJet Toner Cartridge (~7,500 pages)
W2021X	HP 414X Cyan LaserJet Toner Cartridge (~6,000 pages)
W2022X	HP 414X Yellow LaserJet Toner Cartridge (~6,000 pages)
W2023X	HP 414X Magenta LaserJet Toner Cartridge (~6,000 pages)

Services

UB9S6E HP 3 year Next Business Day Service for Color LaserJet Pro MFP M479
UB9S9E HP 3 year 4 hour 9x5 Service for Color LaserJet Pro MFP M479

UB9T5PE HP 1 year Post Warranty Next Business Day Service for Color LaserJet Pro MFP M479













HP Color LaserJet Pro MFP M479 series

Technical Specifications	HP Color LaserJet Pro MFP M479dw(W1A77A)	HP Color LaserJet Pro MFP M479fdn(W1A79A)	HP Color LaserJet Pro MFP M479fdw(W1A80A)		
AIO functions	Print, copy, scan, email	Print, copy, so	can, fax, email		
Print speed	SimplexLetter:Up to 28 ppm black; Up to 28 ppm color; SimplexA4:Up to 27 ppm black; Up to 27 ppm color; DuplexLetter:Up to 25 ipm black; Up to 25 ipm color; DuplexA4:Up to 24 ipm black; Up to 24 ipm color; FirstPageOut(Ready):As fast as 9.5 sec black; As fast as 11.1 sec color ¹¹				
Print resolution		dpi, Up to 38, 400 x 600 enhanced dpi; Colour (best): 600×600 dpi, Up to 38,			
Print Technology		Laser; Print Resolution Technologies: HP ImageREt 3600, PANTONE® calibrated	1		
Print Cartridges Number		4 (1 each black, cyan, magenta, yellow)			
Standard Print Languages	HP P	CL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, Native Office, PWG F	Raster		
Printer Smart Software Features	Apple AirPrint [™] , Mopria certified, Google Cloud Print 2.0, Wi-Fi Direct Printing, ROAM enabled for easy printing, IHP ePrint, IHP Auto-On/Auto-Off Technology, Bluetooth® Low-Energy, Intuitive 4.3" touchscreen control panel, Scan/print from Cloud using business apps on the control panel, Job Storage with PIN printing, Print from USB, N-up printing, collation	Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, ROAM capable for easy printing, HP ePrint, HP Auto-On/Auto-Off Technology, Intuitive 4.3" touchscreen control panel, Scan/print from Cloud using business apps on the control panel, Job Storage with PIN printing, Print from USB, N-up printing, collation	from Cloud using business apps on the control panel, Job Storage with PIN printing, Print from USB, N-up printing, collation		
Printer Management	HP Printer Assistant; HP Utility (Mac); HP Device Toolbox; HP Web JetAdmin S (Drivi	oftware; HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP WS Pro er Configuration Utility - Driver Deployment Utility - Managed Printing Administ	o Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver rator)		
Scan Type / Technology		Type: Flatbed, ADF; Technology: Contact Image Sensor (CIS)			
Scan Resolution		Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 x 1200 dpi			
Scan File Format		PDF; JPG; TIFF			
Scan Input Modes	Front-pane	l scan, copy, email, or file buttons; HP Scan software; and user application via T	WAIN or WIA		
Scan Size	ADP: 216 x 356 mm; 8.5 x 14 in Maximum; 102 x 152 mm; 4 x 6 in Minimum; Flatbed: 216 x 297 mm; Up to 29 ppm (b&w), up to 20 ppm (color)	ADF: 216 x 356 mm; 8.5 x 14 in Maximum; 102 x 152 mm; 4 x 6 in Minimum; Flatbed: 216 x 297 mm; Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color)			
Scan Speed	Up to 29 ppm (b&w), up to 20 ppm (color) ¹⁶	Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color) ¹⁶ ; Duplex: Up to 46 ipm (b&w), up to 34 ipm (color)	Up to 29 ppm/46 ipm (b&w), up to 20 ppm/35 ipm (color) ¹⁶ ; Duplex: Up to 4 ipm (b&w), up to 34 ipm (color)		
Scanner Advanced Features	Scan to cloud (Google Drive and DropBox) Scan to email with LDAP email address lookup, Scan to network folder, Scan to USB, Scan to Microsoft SharePoint®, Scan to computer with software, Quick Sets PDF; JPG Windows HP Scan SW supports PDF, searchable PDF, JPG, RTF, TxT, BMP, PNG, TIFF. MAC HP Easy Scan SW supports PDF, searchable PDF, JPG, RTF, TxT, JPG-2000, PNG, TIFF.	USB, Scan to Microsoft SharePoint®, Scan to computer with software, Fax archive to network folder, Fax archive to email, Fax to computer, Enable/disa fax, Quick Sets PDF, JPG Windows HP Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF. Mac HP Easy Scan SW supports PDF, search TXT,			
Bit depth / Grayscale levels		30-bit/ 256			
Digital Sending Standard Features	Scan to email with LDAP email address lookup, Scan to network folder, Scan to USB, Scan to Microsoft SharePoint®, Scan to computer with software, Quick Sets	Scan to Microsoft SharePoint®, Scan to computer with software, Quick archive to network folder, Fax archive to email, Fax to computer, Enable/disable fax, Quick Sets			
Copy Speed	Simplex Letter: Up to 28 cpm black; Up to 28 cpm color; Simplex A4: Up to 27 cpm black; Up to 27 cpm color?; Duplex Letter: Up to 25 ipm black; Up to 25 ipm color; Duplex A4: Up to 24 ipm black; Up to 24 ipm color; First Copy Out(Ready): As fast as 9.8 sec black; As fast as 12.1 sec color				
Copy Resolution	Black (text and Graphics): Up to 600×600 dpi; Color (text and Graphics): Up to 600×600	600 dpi		
Maximum Number of Copies		Up to 999 copies			
Copier Resize		25 to 400%			
Copier Settings	ID Copy; Number of copies; Resize (including 2-Up); Lighter/Darker; Enhan	cements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Qu	ality (Draft/Normal/Best); Save Current Settings; Restore Factory Defaults		
Fax Speed		Up to: 33	1.6 kbps ¹⁷		
Fax Resolution			e enabled); Black (standard): 203 x 96 dpi		
Fax Smart Software Features		Permanent fax memory backup; Auto fax reduction; Auto redialing; Delayed s	*		
Fax Features		Fax Memory: Up to 400 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: Yes; Distinctive Ring Detect Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: Yes (receive only); Fax Telephone Mode S Barrier Supported: Yes, CSID matching only (Caller ID not supported); Maximum Speed Dialing Numbers: Up to 120 numbers; PC Interfaconly for sending			
Standard Connectivity	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; 1 Wireless 802.11b/g/n/2.4/5 Ghz Wi-Fi radio	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; 1 Wireless 802.11b/g/n/2.4/5 Ghz Wi-I radio		
Network Capabilities	Yes, via built-ii	n 10/100/1000Base-Tx Ethernet, Gigabit; Auto-crossover Ethernet; Authentica	tion via 802.1x		
Wireless Capability	Yes, built-in dual-band Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct; Bluetooth Low-Energy		Yes, built-in dual-band Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct; Bluetooth Low-Energy		
Mobile Printing Capability	Apple AirPrint™; Mopria™-certified; ROAM enabled for easy printing; Wi-Fi Direct Printing; Google Cloud Print 2.0; HP ePrint; HP Smart app and other mobile apps. 6	Apple AirPrint [™] ; Mopria [™] -certified; ROAM capable for easy printing; Google Cloud Print 2.0; HP ePrint; HP Smart app and other mobile apps. ⁶	Apple AirPrint [™] ; Mopria [™] -certified; ROAM enabled for easy printing; Wi-Fi Direct Printing; Google Cloud Print 2.0; HP ePrint; HP Smart app and other mobile apps. ⁶		
Memory	Standa	! rd: 512 MB NAND Flash, 512 MB DRAM; Maximum: 512 MB NAND Flash, 512 M	B DRAM		
Processor Speed	1200 MHz				
Duty Cycle	Monthly: Up to 50,000 pages 12, Recommended Monthly Page Volume: 750 to 400013				
Paper Handling	Input Capacities: 50-sheet multipurpose tray, 250-sheet input tray, 50-sheet input tray, 50-sheet Automatic Document Feeder (ADF); Up to 3000 labels legal; Up to 3000 labels legal; Output Capacities: 150-sheet output bin; Up to 150 sheet standard labels legal; Duplex Options: Automatic (default); Auto Document Feeder Capacity; Standard, 50 sheets unclude; Envelopes labels legal; Output Capacities: 150-sheet output bin; Up to 150 sheets standard;				

HP Color Laser let Pro MFP M479 series

Technical Specifications	HP Color LaserJet Pro MFP M479dw(W1A77A)	HP Color LaserJet Pro MFP M479fdn(W1A79A)	HP Color LaserJet Pro MFP M479fdw(W1A80A)		
Product Dimensions	WxDxH: 16.4 x 18.6 x 15.7 in; 416 x 472 x 400 mm Maximum : 16.8 x 25.7 x 16.3 in; 426 x 652 x 414 mm				
Product Weight	51.423.3 kg	51.623.4 kg			
What's in the box		HP Color Laser Jet Pro M479; 4 preinstalled HP Laser Jet Toner cartridges (Black~2400 pages, Introductory-Cyan, Magenta, Yellow: ~1200 pages); In-box documentation (Getting Started Guide, Install Poster); warranty card (Whe			
		quired to set up the printer. HP printer software is available at http://www.hp.o			
Warranty Features	One-year, next-business day, onsite warranty. Warranty and support options v	vary by product, country and local legal requirements. Contact your Contractual support options in your region. (wty code 4G; wty ID A001)	al Vendor or go to hp.com/support to learn about HP award winning service an		
Energy Efficiency Compliance		ENERGY STAR® qualified; EPEAT® Silver; CECP; Blue Angel RAL-UZ 205			
Control Panel		4.3-in intuitive color touchscreen (CGD); 3 Buttons (Home, Help, Back)			
Display Description		4.3" intuitive touchscreen Color Graphic Display (CGD)			
Software Included	No soft	ware solutions are included in the Box, only on http://hp.com, http://123.hp.co	om/laserjet		
Fonts and Typefaces	84 scalable TrueType fonts				
Compatible Operating Systems	Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Discrete PCL6 Printer Driver, For more information on the supported Operating systems go to http://support.hp.com, Enter your product name and search, Click on User Guide, Search for your (Product Name) User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see www.hp.com/go/upd				
Compatible Network Operating Systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 R2, Terminal server 2008 R2, Remote Desktop server 2012 R2, Citrix Server 6.5, Citrix server 5.5, Citrix server 5.5				
Minimum System Requirements	PC: 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com; MAC: 2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com				
Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) (Not dual voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 3 Hz); 220-volt input voltage: 220				
	power supply varies by part number with # Option code identifier); Power Consumption: 550 watts (Active Printing), 20 watts (Ready), 0.7 watts (Sleep), 0.7 watts (HP auto-off/auto-on), 0.06 watts (auto-off/manual on), 0.06 watts (Dispute of the consumption) watts (Planting) was a supply varies by part number with # Option code identifier); Power Consumption: 550 watts (Active Printing), 20 watts (Ready), 0.7 watts (Sleep), 0.7 watts (HP auto-off/auto-on), 0.06 watts (auto-off/manual on), 0.06 watts (Dispute of the consumption) was a supply varies by part number with # Option code identifier); Power Consumption: 550 watts (Active Printing), 20 watts (Ready), 0.7 watts (Sleep), 0.7 watts (HP auto-off/auto-on), 0.06 watts (Active Printing), 20 watts (Planting), 20 watts (Plantin				
Acoustics	Acoustic Power Emissions: 6.2 B(A); Acoustic Pressure Emissions: 49 dB(A) ⁸	Acoustic Power Emissions: 6.3 B(A);	Acoustic Pressure Emissions: 49 dB(A) ⁸		
Operating Environment	Operating Temperature Range: 15 to 30°C; Recommended Operating Temperature: 15 to 27°C; Storage Temperature Range: -20 to 40°C; Operating Humidity Range: 10 to 80% RH (non-condensing); Recommended Humidity Operat Range: 20 to 70% RH (non-condensing)				
Security Management	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; IPP over TLS; Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2, and SNMPv3, community password change; He Perint: HTTPS with retrificate validation, HTTP Basic Access Authentication, SASL authentication; LDAP authentication and authorization; Firewall and ACL; control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, access control, 802.1 x authentication (EAP-TLS, and PEAP), authentication via WEP, WPA/WPA2 Personal, WPA2-enterprise; encryption via AES or TKIP; Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, compatible with optional HP JetAdvantage Security Manager, IPPS	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS.10, TLS.11, TLS.12; IPP over TLS; Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2, and SNMPv3, community password change; HP ePrint HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; LDAP authentication and authorization; Firewall and ACL; control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, access control, 802.1x authentication (EAP-TLS, and PEAP); Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, compatible with optional HP JetAdvantage Security Manager	UPD PIN printing, Syslog, signed firmware, administrator settings, access		

1 EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country. In box cartridges yield ~1,200 color composite (C/Y/M) and ~2,400 black pages 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. Pages may vary based on customer printing conditions. ³ 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 values typicallty based on measurement of 115V device. 4 Toner cartridges designed for distribution and use within a designated region only, will not work outside of designated region. 5 Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies ⁶ Local printing requires mobile device and printer to be on the same network (usually Wi-Fi access points bridge wireless to wired connections) or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Remote printing requires an Internet connection to an HP web-connected printer. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. For more information visit hp.com/go/mobileprinting. To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit hp.com/go/roam 7 First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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 and document complexity. A coustic values are subject to change. For current information see http://www.hp.com/support. Configuration tested: base model, simplex printing, A4 paper at an average of 27 ppm. 9 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. 10 Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type. 11 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. 12 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 LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. 13 HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period 14 HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit http://www.hp.com/go/SureSupply; only available with Original HP supplies; Internet access required. 15 BA TEC is equal to Best TEC. 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.

Learn more at hp.com



HP Color LaserJet Enterprise MFP M577 series

Conserve energy —without sacrificing productivity. Built-in, multi-level device security helps guard your printing fleet. This color MFP with Original HP Toner cartridges with JetIntelligence produces more vibrant, professional-quality pages.

Ideal for enterprises and medium businesses that need a secure, highly productive, energy-efficient color MFP.



HP Color LaserJet Enterprise MFP M577dn



HP Color LaserJet Enterprise MFP M577f



HP Color LaserJet Enterprise Flow MFP M577c



HP Color LaserJet Enterprise Flow MFP M577z

High-speed performance meets energy efficiency

- Don't wait for documents. Print your first page in as few as 9 seconds from energy-efficient sleep mode.²
- Speed through jobs. Print two sides as quickly as one—up to 40 ipm^a—and scan both sides of the page at
 once.
- This MFP uses exceptionally low amounts of energy—thanks to its innovative design and toner technology.3
- Choose a maximum capacity of up to 2300 sheets.⁸ Print up to 59 pages per minute on A5.⁹

Unparalleled fleet security and management

- Embedded features detect security threats and heal your MFP, protecting it from boot up to shutdown.¹⁰
- Protect sensitive data on the MFP and in transit, using embedded security features and 256-bit encryption.
- Protect sensitive business data with embedded and optional HP JetAdvantage Security Solutions.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.12

More. Pages, Performance, and Protection.

- Make an impression with leading color quality from HP. Get unparalleled printing for your office needs.
- Get more pages with each Original HP Toner cartridge with JetIntelligence and high-yield cartridges. 1,13
- Help ensure the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Print right away with preinstalled toner cartridges. Replace them with cartridges featuring auto seal removal.

Stay connected with secure mobile printing options

- Enable 128-bit encrypted wireless direct printing from mobile devices—without accessing the network.5
- Print with just a touch of your NFC-enabled mobile device to this printer—no network needed.⁶
- Easily print from a variety of smartphones and tablets—generally no setup or apps required.
- Easily access, print, and share resources with Ethernet and optional wireless networking.⁴

Nore pages versus predecessor cartridges claim based on page-yield comparison of HP S07A High Yield Original LaserJet Toner Cartridges. For more information, see hp.com/go/belearnaboutsupplies? Based on HP internal testing of top three leading competitors' first page out from sleep mode and duplex print and copy speed completed 8/2015. Subject to device settings. Actual results may vary. For details, see ep.com/go/Liclaims 3 Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in energystar, gov versus the top three leading competitors as of 8/2015. Actual results may vary. For details see hp.com/go/Liclaims 4 Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. 5 Wireless direct printing is standard on the HP Color LaserJet Enterprise MFP MS772 only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Color LaserJet Enterprise MFP MS772 only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Color LaserJet Enterprise MFP MS774 only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Color LaserJet Enterprise MFP MS774 only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Color LaserJet Enterprise MFP MS777 only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Color LaserJet Enterprise MFP MS777 only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Color LaserJet Enterprise MFP MS777 only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Color LaserJet Enterprise MFP MS777 only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Color LaserJet Enterprise MFP MS777 only. Re

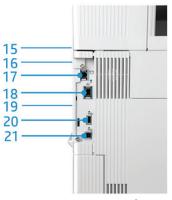
Product walkaround

- 1. Intuitive 8-inch (20.3 cm) color touchscreen tilts up for easier viewing
- 2. Convenience stapler
- 3. Pull-out keyboard for easy, accurate data entry
- 4. Convenient front on/off button
- 5. Right door (access to print path)
- 6. 100-sheet multipurpose tray
- 7. 550-sheet input tray 2
- 8. 100-sheet ADF with single-pass, two-sided scanning and HP EveryPage
- 9. Hardware Integration Pocket¹ (for connecting accessory and third-party devices)
- 10. Easy-access USB port to save and print files directly²
- 11. Built-in wireless direct Printing³/NFC touch-to-print⁴
- 12. 250-sheet output bin
- 13. Front door (access to HP JetIntelligence Toner cartridges)
- 14. Built-in automatic two-sided printing
- 15. 1.75 GB standard memory (upgradeable to 2.5 GB) and a 1.2 GHz processor
- 16. HP High-Performance Secure Hard Disk
- 17. Fax port
- 18. HP Jetdirect Gigabit Ethernet print server
- 19. Slot for optional cable-type security lock
- 20. Hi-Speed USB 2.0 port (for connecting third-party devices)
- 21. Hi-Speed USB 2.0 printing port

HP Color LaserJet Enterprise Flow MFP M577z



Front view



Close-up of I/O ports

Series at a glance









Model	HP Color LaserJet Enterprise MFP	HP Color LaserJet Enterprise MFP	HP Color LaserJet Enterprise Flow MFP	HP Color LaserJet Enterprise Flow MFP
	M577dn	M577f	М577с	M577z
Product number	B5L46A	B5L47A	B5L54A	B5L48A
HP High-Performance Secure Hard Disk	\checkmark	V	\checkmark	$\sqrt{}$
100-page ADF with single-pass, two sided scanning	V	V	√ (Plus HP EveryPage)	√ (Plus HP EveryPage)
Fax capability	Optional	√	\checkmark	√
Convenience stapler	Not available	\checkmark	\checkmark	$\sqrt{}$
Advanced workflow features including pull-out keyboard	Not available	Not available	√	\checkmark
Wireless direct printing ³ /NFC ⁴	Optional	Optional	Optional	$\sqrt{}$

¹Solutions deployed through the Hardware Integration Pocket may require additional purchase. ²An administrator must enable the easy-access USB port before use. ³Wireless direct printing is standard on the HP Color LaserJet Enterprise MFP M577z only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Color LaserJet Enterprise MFP M577dn/f/c. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct-capable MFP or printer prior to printing. Depending on mobile device, an app or mobile device, an app or printer prior to printing. Depending on mobile device, an app or printer prior mance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see hp.com/go/businessmobileprinting. ⁴Touch-to-print capability is standard on the HP Color LaserJet Enterprise MFP M577z only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Color LaserJet Enterprise MFP M577dn/f/c. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Same Day Onsite - 4 hour 9x5 and 13x5:

Sends an HP technician to customers' site the same business day for repair, within 4 hours, if the issue cannot be resolved through remote support. Various support window times are available, for different requirements.

Next Business Day with Defective Media Retention:

Customers can retain their hard disk drive and keep control of sensitive data.

Installation Service with Network Setup:

Installation services that include onsite installation and network setup of printing product.

For carepack availability visit: hp.com/go/cpc













Top features

This efficient MFP is designed to conserve energy without sacrificing productivity—so users can speed through tasks and move business forward. It also uses exceptionally low amounts of energy—thanks to its innovative design and toner technology.³

Trust your MFP is secure from power-up to power-down. Get strong protection for devices, data, and documents with embedded and optional security features while centrally managing your entire fleet.

Bring out the best in your MFP. Print more high-quality pages than ever before, using specially designed Original HP Toner cartridges with JetIntelligence. Count on the authentic HP quality you paid for—something the competition can't match.

Enable secure wireless printing in the office—with or without network access—and keep users connected with Ethernet and optional wireless networking.⁴ Print with just a touch from mobile devices.⁶

Accessories

B5L34A - HP Color LaserJet 550-sheet Media Tray

B5L51A - HP Color LaserJet Printer Cabinet

J8030A - HP Jetdirect 3000w NFC/Wireless Accessory

J8031A - HP Jetdirect 2900nw Print Server

B5L31A - HP Foreign Interface Harness

B5L53A - HP LaserJet MFP Analog Fax Accessory 600

CZ208A - HP Common Card Reader (with HIP2 Adapter)

E5K48A - 1GB DDR3 DIMM

B5L28A - HP Internal USB Ports

F5S62A - HP Trusted Platform Module Accessory

Supplies

CF360A - HP 508A Black LaserJet Toner Cartridge (~6000 ISO vield)

CF360X - HP 508X Black LaserJet Toner Cartridge (~12,500 ISO yield)

CF361A - HP 508A Cyan LaserJet Toner Cartridge (~5000 ISO yield)

CF361X - HP 508X Cyan LaserJet Toner Cartridge (~9500 ISO yield)

CF362A - HP 508A Yellow LaserJet Toner Cartridge (~5000 ISO yield)

CF362X - HP 508X Yellow LaserJet Toner Cartridge (~9500 ISO yield)

CF363A - HP 508A Magenta LaserJet Toner Cartridge (~5000 ISO yield)

CF363X - HP 508X Magenta LaserJet Toner Cartridge (~9500 ISO yield)

B5L35A - HP LaserJet 110v Fuser Kit

B5L36A - HP LaserJet 220v Fuser Kit

B5L37A - HP Color LaserJet Toner Collection Unit

B5L52A - HP 200 ADF Roller Replacement Kit

Q7432A - HP Staple Cartridge Pack

Services

U8TH7E - HP 3 year Next Business Day + Defective Media Retention Color LaserJet M577 MultiFunction Hardware Support

U8TH8E - HP 4 year Next Business Day + Defective Media Retention Color LaserJet M577 MultiFunction Hardware Support

U8TH9E - HP 5 year Next Business Day + Defective Media Retention Color LaserJet M577 MultiFunction Hardware Support

U8TJOE - HP 3 year 4 hour 9x5 + Defective Media Retention Color LaserJet M577 MultiFunction Hardware Support

U2010E - HP Network Installation mid-range LaserJet Multifunction printer Service

¹ More pages versus predecessor cartridges claim based on page-yield comparison of HP 507A High Yield Original LaserJet Toner Cartridges with HP 508X High Yield Original LaserJet Toner Cartridges. For more information, see hp.com/go/learnaboutsupplies ³ Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in energystar.gov versus the top three leading competitors as of 8/2015. Actual results may vary. For details see hp.com/go/Liclaims ⁴ Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. ⁵ Wireless direct printing is standard on the HP Color Laser Jet Enterprise MFP M5772 only. Requires purchase of optional HP Jetdirect 3000w NFC/Wireless Direct Accessory for the HP Color Laser Jet Enterprise MFP M57740/f/c. Mobile device needs to be connected directly to the WiFi network of a wireless direct—capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. For details, see hp.com/go/businessmobileprinting. ⁶ Touch-to-print capability is standard on the HP Color LaserJet Enterprise MFP M577dn/f/c. Mobile device must support Near Field Communication (NFC)—enabled printing. For more information, see hp.com/go/businessmobileprinting

HP Color LaserJet Enterprise MFP M577 series

Technical Specifications	HP Color LaserJet Enterprise MFP M577dn(B5L46A)	HP Color LaserJet Enterprise MFP M577f(B5L47A)	HP Color LaserJet Enterprise Flow MFP M577c(B5L54A	HP Color LaserJet Enterprise Flow MFP M577z(B5L48A)
AIO functions	Print, copy, scan, falo multitasking supported: Yes Print, copy, scan, fax; AIO multitasking supported: Yes			1
Print speed	Letter: Up to 40 ppm black; Up to 40 ppm color ¹¹ ; First Page Out Black: As fast as 5.5 sec M577dn &M577r), (M577c & M577z); First Page Out Color: As fast as 6.8 sec ²²			t Color: As fast as 6.8 sec ²²
Print resolution		Black (best): HP ImageREt 3600	; Colour (best): HP ImageREt 3600	
Print Technology		Laser; Print Resolution Technologies: HP ImageREt	3600, Pantone Calibrated. Fine lines:1200x1200	
Standard Print Languages			el 3 emulation, native PDF printing (v1.7)	
Printer Smart Software Features			16), collation, watermarks, store print jobs, easy-access USE	<u> </u>
Printer Management	UPD Printer Administrator Resource Kit (Driver Configuration		ministrator); HP web JetAdmin Software; HP Proxy Agent So ss); Technology: Contact Image Sensor (CIS)	ortware; HP Easy Color; HP JetAdvantage Security Manager
Scan Type / Technology Scan Resolution			00 dpi; Optical: Up to 600 dpi	
Scan File Format		EG, TIFF, MTIFF, XPS, PDF/A.		
		PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Sea	rchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CS (OCR), HTML (OCR), CSV (OCR); Print from easy access USB:	PDF, PS, Print Ready files (.prn, .pcl, .cht)
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	Front panel applications: Copy, E-mail, Fax, Save to Network Folder, Save to USB, Save to Device Memory, Open Extensibility Platform (OXP) applications		work Folder, Save to USB, Save to Device Memory, Save to ty Platform (OXP) applications
Scan Size		ADF: 8.5 x 14 in Maximum; 4.1 x	5 in Minimum; Flatbed: 8.5 x 14 in	
Scan Speed	Up to 45 ppm/45 ipm (b&w), up to 40 ppm/40 ipm (colo		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	olor) ²³ ; Duplex: Up to 68 ipm (b&w), up to 60 ipm (color)
Scanner Advanced Features	Optimize text/picture; Image adjustments; Job build; Outp dpi; Auto detect color; Edge Erase; Job notifica		Auto detect color; Edge Erase; Job notification; Blank	out quality setting; Selectable scan resolution 75 to 600 dpi; spage suppression; HP Quick Sets; HP EveryPage; Auto scognition (OCR), Auto crop to page; Auto-tone
Bit depth / Grayscale levels		24-t	it / 256	A second second second
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 (M577f only); Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Color Sense; Auto Content; Compact PDF Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to LAN to Internet Fax; OCR; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Color Sense; Auto Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Page; OCR		SL; Blank Page Removal; Edge Erase; Auto Color Sense; Aut Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To
Copy Speed			; Color (letter): Up to 40 cpm ²¹	
Copy Resolution			; Color (text and Graphics): Up to 600 × 600 dpi (flatbed)	•
Copier Settings	Two-sided copying; Scalability; Image adjustments (darkne		r Z-ordering; Content orientation; Collation; Booklet; Job bui int media sizes)	ld; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B
Fax Speed			Up to: 33.6 kbps; Letter: 3 sec per page ¹⁸	
Fax Resolution			00 x 300 dpi (400 x 400 dpi for received faxes only); Black (
Fax Smart Software Features			ding; Scale to fit; Fax address book; LAN/Internet fax; Fax nu	
Fax Features	Auto Fax Reduction, Auto-Redialing, Fax Forwarding, Fax Polling (receive), Junk Barrier, Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 desti			
Standard Connectivity			/100/1000Base-TX network; Hardware Integration Pocket;	
Network Capabilities	Standard (built-in Gigbit Ethernet)		x, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and in Gigabit Ethernet)	Standard (built-in Gigabit Ethernet), Wi-Fi 802.11 b/g/n
Network Ready Wireless Capability	3	Optional, enabled with purchase of hardware accessory.	ri digabit Ethernet/	Yes, embedded NFC/HP Wireless Direct
Mobile Printing Capability		int; Apple AirPrint™; Mopria-certified; Google Cloud Prin	2.0 ¹⁴	HP ePrint; Apple AirPrint™; Mopria-certified; Google Cloud Print 2.0; Wireless Direct Printing; NFC touch-to-print 15
Memory		Standard: 1.25 GB (printer), 500 MB (scanne	r); Maximum: 2.0 GB (printer), 500 MB (scanner)	3,
Processor Speed	1.2 GHz / Hard disk: Standard, embedded HP High-Performance Secure Hard Disk, minimum 320 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data			
Duty Cycle		Monthly, letter: Up to 80,000 pages ⁹ ; Recom	mended Monthly Page Volume: 2000 to 7500 ¹⁰	
Paper Handling	Input Capacities: 100-sheet multipurpose tray, 550-sheet input tray 2; Up to 650 sheets standard; Up to 10 envelopes labels legal; Output Capacities: 250-sheet output bin; Up to 250 sheets standard labels legal; Duplex Options: Automatic (standard)Aluto Document Feeder Capacity-Standard, 100 sheets; Envelope Feeder: No, Standard Paper Trays: 2; Media Types Supported: Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heave glossy, early eave yglossy, carbot chargesparency, labels, letterhead, enveloper perpinted, propunched, colored, rough, opaque film, user-defined; Media Weight Supported: Tray 1: 16 to 58 lb (plain); 28 to 58			
Product Dimensions			² ; Maximum: 27.5 x 19.84 x 22.95 in	
Product Weight	84 lb ³	84.5 lb ³		i lb ³
What's in the box			ner collection unit; In-box documentation; Software CD; Po	
Warranty Features Energy Efficiency Compliance	One-yea		pport options vary by product, country and local legal requir ; Blue Angel; EPEAT® Silver	ements.
Control Panel	8.0-in (20.3 cm) color touchscreen; adjustable angle display to the Hom	with gesturing; illuminated Home button (for quick retur	8.0-in (20.3 cm) color touchscreen; adjustable angle displa	ay with gesturing; illuminated Home button (for quick return nd integrated keyboard
Display Description		8" color t	ouchscreen	
Software Included		Welcome Screen, (Directs users to HP.co	ax, HP Update, Product Registration Assist, HP Web Services om or OS App Soure for Laser Jet Software)	
Fonts and Typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal s Additional font solution	ns available via third-party flash memory cards; HP Las	erJet Fonts and IPDS Emulation available at http://www.hp.o	
Compatible Operating Systems Compatible Network Operating			rise MFP M527 Printer for all operating systems rise MFP M527 Printer for all operating systems	
Systems Systems Paradismonth				
Minimum System Requirements	Pc: Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 lal 32- & 64-bit editions, Windows 7 lal 32- & 64-bit editions (Excluding RT OS for Tablets); Windows 10 all 32- & 64-bit editions (Excluding RT OS for Tablets); Windows 10 all 32- & 64-bit editions (XP Home, XP Pro, etc.), Windows 7 lal 32- & 64-bit editions (Excluding RT OS for Tablets); Windows 7 lal 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets); CD-ROM or DVD drive, or Internet connection; Dedicated USB or network connection or Wireless connection; 200 MB available hard disk space; OS compatible hardware (For OS hardware requirements see http://www.microsoft.com); MAC: Mac OS (HP Print Drivers available from HP.com and Apple Store); OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; Internet; USB; 1 GB HD; OS compatible hardware (For OS hardware requirements see http://www.apple.com)			
Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 100 to 127 VAC, 60 Hz, Input voltage: 200 to 240 VAC, 50 Hz (Not dual voltage, product varies by part number with # Option code identifier); Power Consumption: 592 watts (Printing), 47.3 watts (Ready), 3.48 watts (Sleep), 0.08 watts (Auto-Off/Manual On), 0.49 watts (Auto-Off/Auto-On/Wake on LAN) ⁴			
Acoustics	Acoustic Power Emissions: 6.5 B(A) (printing at 38 ppm); Acoustic Pressure Emissions: 51 dB(A) (printing at 38 ppm) ^{16,17}			
Operating Environment	Operating Temperature Range: 59 to 81°F; Recommende	RH; Recommended Humidity	Operating Range: 30 to 70% RH	
Security Management	Identity management: Kerberos authentication, LDAP authentication, 1000 user PIN codes, optional HP and 3rd party advanced authentication solutions (e.g., badge readers); Network: IPsec/firewall with Certificate, Pre-Shared Key, an Kerberos authentication, Supports WJA-10 IPsec configuration Plug-in, 802.1X authentication (EAP-PEAP-TLS), SNMPV3, HTTPS, Certificates, Access Control List; Data: Storage Encryption, Encrypted PDF & Email (uses FIPS 140-2 validated cryptographic libraries), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security Locks blot, USB port disablement, hardware integration pocket for security solutions, optional Trusted Platform Module; Security Manager			

Toner carriidge yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of color pages printed, and other factors. ² Without Tray 1 or Legal extension extended ³ With printer cartridges ⁴ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and vold the product warranty. ³ Typical Electricity Consumeton (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowath-hours (With). ⁴ Average color composite (CMMY) and black declared yields based on ISO/IEC 19788 and ontinuous printing, and the product on inages printed and other factors. ⁵ For details see ho composition of the product of the produ

Learn more at hp.com

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4AA6-1663ENUC. October 2015



Data sheet

HP Color LaserJet Enterprise M653 series



This HP Color LaserJet with JetIntelligence merges performance, energy efficiency, and security.

This HP Color LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network with the industry's deepest security.



HP Color LaserJet Enterprise M653dh



HP Color LaserJet Enterprise M653dn



HP Color LaserJet Enterprise M653x

The world's most secure printing1

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help prevent potential attacks and take immediate action with instant notification of security issues.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.
- Give workgroups what they need to succeed. Choose and deploy over 175 HP and third-party security features.

High speed performance meets energy efficiency

- Speed through tasks and save paper. Print two-sided documents at up to 60 images per minute.³
- This printer wakes up fast and prints your first page faster—in as quickly as 7.7 seconds.4
- This printer uses exceptionally low amounts of energy thanks to its innovative design and toner technology.5
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes 4 x 6" to legal.

More Pages, Performance, and Protection⁶

- ColorSphere3 toner formulation, combined with an automatic media sensor, help provide leading print
 quality.
- Original HP Toner Cartridges with JetIntelligence supply 46% more pages per color cartridge vs predecessor.⁶
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.

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 hp.com/go/Printers thatProtect. For more information: hp.com/go/Printers securityclaims. ² HP Web Jetadmin is available for download at no additional charge at hp.com/go/Webjetadmin. ³ 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, offware application, driver, and document complexity. ⁴ Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep. ⁵ Energy claim based on TEC data reported on energystar.gov as of January 2017. Data normalized to determine energy efficiency of in-class laser printers with published speed of 50 to 60 ppm. Subject to device settings. Actual results may vary. ⁶ More pages versus predecessor cartridges claim based on page-yield comparison of HP M647A and HP 648A Color Original Laser/let Toner Cartridges with HP 656X High Yield Color Original Laser/let Toner Cartridges. For more information, see hp.com/go/learnaboutsupplies ⁷ HP 656X High Yield Original Laser/let Toner Cartridges esparately. ⁸ An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment due to the increased risk of interference to radio communications.

Product walkaround

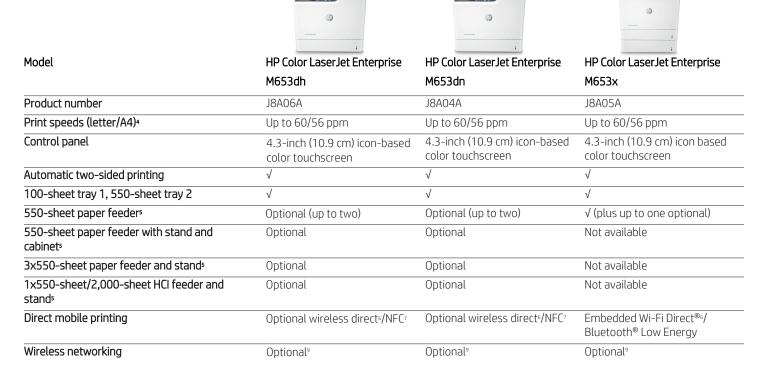
- 1.500-sheet output bin
- 2. Front door access to toner cartridges
- 3. Wi-Fi Direct printing⁶/Bluetooth Low Energy⁸
- 4. Built-in automatic two-sided printing
- 5. 550-sheet tray 2
- 6. 550-sheet tray 3
- 7. 4.3-inch (10.9 cm) icon-based color touchscreen
- 8. Hardware Integration Pocket²
- 9. Easy-access USB port
- 10. 100-sheet multipurpose tray 1
- 11. Lower right door (access to print path)
- 12. Slot for cable-type security lock
- 13. Built-in Gigabit Ethernet
- 14. Hi-Speed USB 2.0 printing port
- 15. USB port for connecting external USB devices



HP Color LaserJet Enterprise M653x

Close-up of I/O ports

Series at a glance



¹ Built-in automatic two-sided printing is not supported on the M652n model. ² Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. ³ An administrator must enable the easy-access USB port before use. ⁴ Measured using ISO/IEC 24734; excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁵ All models come with 100-sheet multipurpose tray 1 and 550-sheet tray 2. In addition, the M652n, M652n, M652n, and M653dn models can add up to two additional 550-sheet paper feeders; or, they can add one of the other accessories (550-sheet paper feeder with stand and cabinet, 3x550-sheet paper feeders and tsand, or 1x550- sheet/2,000 one 550-sheet paper feeder (tray 3) and it can add one additional 550-sheet HCI feeder and stand). The M653x model comes standard with --sheet paper feeder; it does not support any other paper-handing accessories. ⁶ Wi-Fi Direct printing is embedded in the HP Color LaserJet Enterprise M653x model. All other models can add wireless direct by purchasing the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device meets to be connected directly to the signal of a Wi-Fi Direct* supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see hp.com/go/mobileprinting. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance*. ⁷ Touch-to-print capability is optional for all models (except the M653x) with the purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting. ⁸ Bluetooth Low Energy is standard only on the HP Color LaserJet Enterprise M653x, and it cannot be added to other models. Bluetooth® is a trademark owned by its proprietor and used by hts proprietor and used by

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Next Business Day Onsite with Defective Media Retention:

Customers can retain their hard disk drive and keep control of sensitive data.

Same Day Onsite – 4 hour 9x5:

Sends an HP technician to customers' site the same business day for repair, within 4 hours, if the issue cannot be resolved through remote support. Various support window times are available, for different requirements.

For carepack availability visit: hp.com/go/cpc













Top features

Only HP enterprise printers repair themselves from attacks in real time while offering outstanding manageability. Automatically monitor threats, detect intrusions, and validate operating software while centrally managing your fleet with ease.

With speeds of up to 60 pages per minute³, fast first page out and a variety of paper-handling options, you get confidence that your employees can speed through their tasks without interruption.

Get more pages and help protect your printer using Original HP Toner cartridges with JetIntelligence.

Accessories

P1B09A - HP Color LaserJet 550-sheet Paper Feeder

P1B10A - HP Color LaserJet 550-sheet Paper Feeder with Stand and Cabinet

P1B11A - HP Color LaserJet 3x550-sheet Paper Feeder with Stand P1B12A - HP Color LaserJet 1x550/2000-sheet Feeder and Stand

J8031A - HP Jetdirect 2900nw Print Server

J8030A - HP Jetdirect 3000w NFC/Wireless Accessory

F5S62A - HP Trusted Platform Module Accessory

B5L28A - HP Internal USB Ports

B5L29A - HP Secure High Performance Hard Disk Drive E5K48A - HP 1GB DDR3 x32 144-Pin 800MHz SODIMM

Supplies

CF450A - HP 655A Black Original LaserJet Toner Cartridge (~12,500 pages)

CF460X - HP 656X High Yield Black Original LaserJet Toner Cartridge (~27,000 pages)

CF451A - HP 655A Cyan Original LaserJet Toner Cartridge (~10,500 pages)

CF461X - HP 656X High Yield Cyan Original LaserJet Toner Cartridge (~22,000 pages)

CF452A - HP 655A Yellow Original LaserJet Toner Cartridge (~10,500 pages)

CF462X - HP 656X High Yield Yellow Original LaserJet Toner Cartridge (~22,000 pages)

CF453A - HP 655A Magenta Original LaserJet Toner Cartridge (~10,500 pages)

CF463X - HP 656X High Yield Magenta Original LaserJet Toner Cartridge (~22,000 pages)

P1B91A - HP LaserJet 110V Maintenance Kit (~150,000 pages)

P1B92A - HP LaserJet 220V Maintenance Kit (~150,000 pages)

P1B93A - HP LaserJet Image Transfer Belt Kit (~150,000 pages)

P1B94A - HP LaserJet Toner Collection Unit (~100,000 pages)

Services

U9NZ6E - HP 3 year Next Business Day Service w/Defective Media Retention

U9NZ9E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention

U9PCOPE - HP 1 year Post Warranty NBD Service w/Defective Media Retention

U9PC2PE - HP 1 year Post Warranty 4 hour 9x5 Service w/DMR

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, wist hp.com/go//Printers ThatProtect. For more information: hp.com/go/printers ThatProtect. 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 Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep. Exact speed of 50 to 60 ppm. Subject to device settings. Actual results may vary. ⁶ More pages versus predecessor cartridges do n TEC data reported on energystar.gov as of January 2017. Data normalized to determine energy efficiency of in-class laser printers with published speed of 50 to 60 ppm. Subject to device settings. Actual results may vary. ⁶ More pages versus predecessor cartridges can be applicated on page-yield comparison of HP M647A and HP 648A color Original LaserJet Toner Cartridges with HP 656X High Yield Color Original LaserJet Toner Cartridges. For more information, see hp.com/go/learnaboutsupplies ⁷ HP 656X High Yield Original LaserJet Toner Cartridges not included; please purchase separately. ⁸ An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment due to the increased risk of interference to radio communications.

HP Color LaserJet Enterprise M653 series

Technical Specifications	HP Color LaserJet Enterprise M653dh (J8A06A)	HP Color LaserJet Enterprise M653dn (J8A04A)	HP Color LaserJet Enterprise M653x (J8A05A)	
Print speed	Letter: Up to 60 ppm blac	k; Up to 60 ppm color ⁸ ; First Page Out Black: As fast as 5.7 sec; First Page Out	Color: As fast as 5.7 sec ¹⁰	
Print resolution		Black (best): Up to 1200 x 1200 dpi; Colour (best): Up to 1200 x 1200 dpi		
Print Technology	Laser; Print Resolution Te	chnologies: HP ImageRet 3600; 600 x 600 dpi; HP ProRes 1200 (1200 x 1200	dpi); Pantone© Calibrated	
Print Cartridges Number		4 (1 each black, cyan, magenta, yellow)		
Standard Print Languages	HP PCL	6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF	(AirPrint)	
Printer Smart Software Features	Print preview, duplex printi	ing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store	print jobs, easy-access USB	
Printer Management	HP JetAdvantage Security Manager; HP SNMP Pr	oxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Admin	istrator Resource Kit for HP Universal Print Driver	
Standard Connectivity	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast E	thernet 10/100/1000 Base-TX network; Hardware Integration Pocket	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Etherne 10/100/1000 Base-TX network; Hardware Integration Pocket; 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy	
Network Capabilities			Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 1000Base-Ts, 1000Base-T; 802.3az (EEE) support on Fas Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (standard).	
Wireless Capability	Optional, enabled with purchase of HP Jetdirect 2900nw Print Serv	ver J8031A or HP Jetdirect 3000w NFC/Wireless Accessory J8030A	Yes, Built-in Wi-Fi Direct, Bluetooth low energy; Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A	
Mobile Printing Capability	HP ePrint; Apple AirPri	int™; Mopria-certified ⁷	HP ePrint; Wireless direct printing; Apple AirPrint™; Mopria-certified ⁷	
Memory		Standard: 1 GB; Maximum: 2 GB		
Processor Speed	1.2 GHz / Hard disk: Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater); FIPS140 certified	1.2 GHz / Hard disk: Optional,	500 GB (with accessory B5L29A)	
Duty Cycle	Month	ly, letter: Up to 120,000 pages Recommended Monthly Page Volume: 2000 to	17,000 pages	
Paper Handling	Input Capacities: 100-sheet multi-purpose tray, 550-sheet input tray 2; Up to to 500 sheet standard labels legal; Duplev Options; Automatic (standard); E (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glos labels, letterhead, cenwlope, preprinted, prepunched, colored, rough, opaque f bb (glossy); Tray 2 and automatic two-sided printing unit: 16 to 90 lb (plain) (plain) 32 to 58 lb (glossy); Optional Tray 4 2,000-sheet high capacity input statement, Officio, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, ervelopes (No. 9), No. 10, N 8 in; Optional 550-sheet trays: letter, legal, executive, statement, Officio, 4 x 6 is Sizes Custom: Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4 x 5.83 to 8.5 x 14 in; Option tray; custom sizes not	invelope Feeder: No; Standard Paper Trays: 2; Media Types Supported: Paper sy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency lim, user-defined; Media Wieght Supported: Tray 1: 16 to 58 lb (plain) 32 to 55 al 2 to 58 lb (glossy); Optional Trays 3; 4, 5 1x550-sheet feeders: 16 to 90 lb t: 16 to 58 lb (plain); Media Stess Supported: Tray 1: letter, legal, executive, Monarch); Tray 2: letter, legal, executive, statement, Oficio; 4 x 6 in, 5 x 7 in, 5 x n, 5 x 7 in, 5 x n, 5 x 7 in, 5 x 0 in; Optional 2,000-sheet high-capacity tray; letter, legal; Media al 550-sheet trays: 4 x 5.83 to 8.5 x 14 in; Optional 2,000-sheet high-capacity	to 1200 sheets standard labels legal; Output Capadties : 500-sheet output birr, Up to 500 sheets standard labels legal; Duplex Options : Automatic (standard); Envelope Feeder : No; Standard Paper Trays : 3: Media Types Supported : Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weigh glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy; color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined; Media Weight Supported : Tray 1:	
Product Dimensions	WxDxH: 20.08 x 18.03 x 20.08 in;	Maximum: 37.91 x 30.31 x 20.08 in	WxDxH; 20.08 x 18.03 x 25.20 in; Maximum: 37.91 x 30.31 x 25.20 in	
Product Weight	68.		82.7 lb	
What's in the box		500 yield), HP Cyan, Magenta and Yellow Original Laser.Jet Toner Cartridges (~ Documentation (Hardware Install Guide); Power cord; 1x550-sheet paper feed		
Warranty Features		s vary by product, country and local legal requirements. Go to hp.com/support		
Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Gold (#AAZ, #201 options only)	ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Gold (#AAZ; #201 options only); CECP	ENERGY STAR® qualified; EPEAT® Silver; CECP	
Control Panel	4.3-in (10.92 cm)	Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) dis	play; Home button	
Display Description	4.3-in	(10.92 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable	e angle)	
Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 (XPS) Printer Drive	er, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to	123.HP.com or OS App Source for printer software), Online user manuals	
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 Windows Vista 8 Fonts (Calibri, Cambria additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPOS Emulation available at http://www.hp.com/go/laserjetfonts			
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 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 (Prome Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)			
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 [270:8] 2012/2012 [47.2] 2012/2012 [47.			
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			
Power	Power Supply Type: Built in 115V or 220V Power Supply (not dual voltage, power supply varies by part number with option code identifier); Power Requirements: Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/-3Hz), 6 A; Power Consumption: 780 watts (printing), 31 watts (ready), 0.7 watts (sleep), 0.7 watts (Auto Off/Manual On), 0.1 (Manual Off) ³			
Acoustics	Acoustic Power Emissions: 6,9 B(A), Acoustic Pressure Emissions: 53 d (B(A) Acoustic Power Emissions: 6,9 B(A), Acoustic Pressure Emissions: 53 d (B(A) Acoustic Power Emissions: 6,9 B(A), Acoustic Power Emiss			
Operating Environment	Operating Temperature Range: 59 to 869F; Recommended Operating Temperature: 63,5 to 779F; Storage Temperature Range: -4 to 1049C; Non-Operating Humidity Range: 10 to 90% RH; Operating Humidity Range: 10 to 80% RR			
		Recommended Humidity Operating Range: 30 to 70% RH		
Security Management	Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with Certificate; Pre-Shared Key; an Kerberos authentication; Supports WJA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SMMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (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 for security solutions; Intrusion Detection with Realloon Security Technology - Constant in-device monitoring for attacks; CureStart Secure Boot - BIOS Integrated by Edit Pleading capability, Whitelsting in Loads only, known good code (DLLs, EXEs,); Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessable in Arcsight and Splunk SIEMs			

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¹ EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country. ² Cartridges included; yields 10,500 color (C/Y/M) and 12,500 black pages. Pages 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. Pages may vary based on customer printing conditions and usage. ³ Dower requirements are based on 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. ⁵ Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting. Wi-Fi disabled. ⁶ Nevrage color composite (C/MY) and 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 May require a firmware upgrade to be compatible, download at http://www.hp.com/go/support ⁸ Neasured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed waries depending on the system configuration, software application, driver, and document complexity. ⁹ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed waries depending on the system configuration, software application, driver, and document complexity. ¹¹ Neasured after 15 min in sleep. Exact speed waries depending on the system configuration, software application, driver, document complexity and time in sleep. ¹² Declared yield value in accordance with ISO/IEC 17752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies



LaserJet Enterprise MFP M725 series M725dn • M725f • M725z • M725z+

Enable large-volume printing on a wide range of paper sizes—up to Ledger/A3—with a 4,600-sheet maximum input capacity.² Preview and edit scanning jobs. Centrally manage printing policies. Safeguard sensitive business information.

Print speed:12 Up to 40 ppm black (letter)

Print resolution: Up to 1200 x 1200 dpi black (best)

Scan resolution: Up to 600 x 600 dpi hardware, Up to 600 dpi Optical

Standard connectivity: 2 Hi-Speed USB 2.0 Host, 1 Hi-Speed USB 2.0 Device, 1 Gigabit Ethernet 10/100/1000T network, 1 Foreign Interface, 1 Hardware Integration Pocket, 2 Internal USB Host

Duplex print options: Automatic (standard)

Mobile printing capability: HP ePrint, Apple AirPrint™



(HP LaserJet Enterprise MFP M725dn shown)



HP LaserJet Enterprise

Expand your options with sharp Ledger/A3 printing

- Empower your teams to do more—print, scan, copy, and fax¹ on paper sizes up to Ledger/A3—from a desktop-sized MFP.
- Stay focused on work—paper capacity up to 4,600 sheets and high-capacity cartridges limit interruptions.^{2,4}
- Get impressive document quality with near edge-to-edge printing and a convenient, built-in stapler.⁵
- Print what you need, even on the go—from your smartphone or tablet—using HP ePrint³ or Apple AirPrint™.⁶

Quicken your business pace

- Streamline tasks—print, scan, copy, and fax¹ projects directly at the MFP's large color touchscreen.
- Save time by launching one-touch workflows with HP Quick Sets.
- Get just the results you need—using touchscreen controls to preview, edit, and reorder scans at the device.
- Easily send scanned files to a fax, folder, email, or USB.
 Print right from a memory device via the USB port.

Manage and protect your fleet for the long run

- Simplify fleet management using world-class tools such as HP Web Jetadmin,⁷ and reliably safeguard devices.
- Safeguard data—at rest or in transit—with an encrypted hard drive, user authentication, and security features.
- Add security tools—such as card and badge readers via the hardware integration pocket.⁸
- Extend the capabilities of workteam print environments, using a rich array of easy-to-integrate solutions.

Help save energy and reduce environmental impact

- Reduce energy use with HP Auto-On/Auto-Off Technology,⁹ and conserve power with Instant-on Technology.¹⁰
- Conserve resources and save paper—use automatic two-sided printing.
- Easily recycle Original HP LaserJet toner cartridges through HP Planet Partners.¹¹

HP EcoSolutions

- Reduce energy use with Instant-on Technology.¹
- Reduce paper use by up to 50%, using automatic two-sided printing.
- Reduce waste—scan, store, and distribute documents digitally.

Join HP in more sustainable printing **hp.com/ecosolutions**



1 Compared with products that use traditional fusing



HP LaserJet Enterprise

MFP M725z

HP LaserJet Enterprise MFP M725z+

¹ Fax capabilities are available with an optional fax card on the HP LaserJet Enterprise MFP M725dn. ² Maximum paper capacity of 4,600 sheets requires the purchase of optional paper tray accessories. ³ Requires an Internet connection to HP web-enabled printer and HP ePrint accounts registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see hpconnected.com). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades. ⁴ High-capacity cartridges are optional for the HP LaserJet Enterprise 200 MFP Series M725. ⁵ In-line stapler is not available on the HP LaserJet Enterprise MFP M725dn or M725f. ⁵ Supports the following devices running iOS 4.2 or later: iPad⁶, iPad⁶ 2, iPhone⁶ (3G Sor later), iPod touch⁶ (3rd generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your iOS device. Wireless performance is dependent upon physical environment and distance from the access point. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple⁶ inc., registered in the U.S. and other countries. ⁷ HP Web Jetadmin is free and can be downloaded at hp.com/go/webjetadmin. ⁶ Solutions deployed throad begloyed throad be

HP LaserJet Enterprise MFP M725 series

- 1 100-sheet automatic document feeder
- 2 Intuitive 8-inch pivoting color touchscreen control panel with FutureSmart firmware and scan preview
- 3 Hardware integration pocket (HIP) for solution integration
- 4 Easy-access USB port to save and print files directly
- 5 In-line stapler with 500-sheet output bin
- 6 Built-in automatic two-sided printing
- 7 Two 250-sheet input trays, one supporting up to legal and one supporting up to ledger/A3
- 8 3,500-sheet high-capacity feeder and stand for a 4,100-sheet total input capacity
- 9 250-sheet output bin
- 10 Side door allows convenient access to the all-in-one HP print cartridge
- 11 100-sheet multipurpose tray 1 supports a wide variety of paper sizes and types
- 12 800 MHz processor, 1 GB standard memory
- 13 Two internal USB Host ports (for connecting third-party devices)
- 14 HP High-Performance Secure Hard Disk
- 15 Fax port
- 16 Foreign Interface port
- 17 HP Jetdirect Gigabit Ethernet print server
- 18 Hi-Speed USB 2.0 device port
- 19 Hi-Speed USB 2.0 Host port

HP LaserJet Enterprise MFP M725z+ printer shown



Series at a glance









	M725dn MFP	M725f MFP	M725z MFP	M725z+ MFP
Part number	CF066A	CF067A	CF068A	CF069A
Gigabit Ethernet networking	✓	✓	✓	✓
Automatic two-sided printing	✓	✓	✓	✓
100-sheet multipurpose tray 1	✓	✓	✓	✓
2 x 250-sheet trays 2 and 3	✓	✓	✓	✓
500-sheet tray¹	Optional	✓	Not available	Optional
500-sheet feeder with cabinet and stand¹	Optional	✓	Not available	Not available
3 x 500-sheet feeder and stand¹	Optional	Not available	✓	Not available
3,500-sheet high-capacity feeder and stand ¹	Optional	Not available	Not available	✓
500-sheet in-line stapler	Not available	Not available	/	✓
HP High-Performance Secure Hard Disk	✓	✓	✓	✓
Fax	Optional	✓	✓	✓
ENERGY STAR® qualified	√	√	√	√

¹ Up to 6 input trays are supported on the M725dn and M725z+ models, including the multipurpose tray and the standard 2 x 250-sheet trays. (The 3 x 500-sheet trays and stand counts for 3 trays; the 3,500-sheet HCI feeder and stand counts for 2 trays.) The 500-sheet tray is not stackable.

Top features

Get precise document finishing, one-touch workflows, and many scan-to options on a versatile Ledger/A3 MFP. Do more—with document sizes up to Ledger/A3, and high-capacity cartridges³ and paper trays. Print nearly to the page's edge, and even staple (Only on Z and Z+ models). Copy, scan, and fax¹—and print from smartphones and tablets from virtually anywhere with HP ePrint.²

Set a swift pace—use this powerful MFP to keep your work moving. Save time and make your job easier, using HP Quick Sets. Preview and control jobs on the 8-inch color touchscreen. Scan to multiple locations, and print via an easy-access USB port.

Monitor your devices with industry-leading tools, including HP Web Jetadmin.⁴ Help protect data both in transit and at rest. Enhance security with PIN printing. Add safeguards via the hardware integration pocket. Integrate tomorrow's solutions with ease.

Help conserve resources and meet corporate environmental goals. HP Auto-On/Auto-Off Technology helps reduce energy use. Easily manage printing policies with HP EcoSMART Fleet. Save paper, using automatic two-sided printing.

Get the most out of your printer with HP accessories, supplies, and services.

HP services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. Choose from:

Optimized Care (optimum performance and stability):

4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime):

Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support):

Next Business Day Onsite Support

4 hr Onsite Support: Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support: Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service: Onsite replacement of your printer's maintenance kit including parts, materials, and labor

Installation with Network Configuration Service: Assembly, network configuration, and basic administrator familiarization

For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices

Printers

HP LaserJet Enterprise 700 MFP M725dn	CF066A
HP LaserJet Enterprise 700 MFP M725f	CF067A
HP LaserJet Enterprise 700 MFP M725z	CF068A
HP LaserJet Enterprise 700 MFP M725z+	CF069A

Toner Cartridges

HP 14A Black LaserJet Toner Cartridge (10,000 pages)	CF214A
HP 14X Black LaserJet Toner Cartridge (17,500 pages)	CF214X

Accessories

500-sheet feeder and tray assembly	CF239A
1x500-sheet feeder, cabinet, and stand	CF243A
3x500-sheet feeder and stand	CF242A
3,500-sheet HCI and stand	CF245A
110v Maintenance/Fuser Kit	CF249A
220v Maintenance/Fuser Kit	CF254A
HP 200-pin DDR2 512MBx64 DIMM	CF306A
HP staple cartridge refill	C8091A
HP LaserJet MFP Analog Fax Accessory 500	CC487A
ADF Roller kit	L2718A

HP Care Pack	
HP 3 year Next business day + Defective Media retention LaserJet M725	U7A14E
Multifunction printer Support	
HP 4 year Next business day + Defective Media retention LaserJet M725	U7A15E
Multifunction printer Support	
HP 5 year Next business day + Defective Media retention LaserJet M725	U7A16E
Multifunction printer Support	
HP 3 year 4 hour 9x5 LaserJet M725 Multifunction printer Hardware Support	U7A08E
HP 4 year 4 hour 9x5 LaserJet M725 Multifunction printer Hardware Support	U7A10E
HP 5 year 4 hour 9x5 LaserJet M725 Multifunction printer Hardware Support	U7A12E
HP 1 year Post Warranty Next business day + Defective Media retention	U7Y76PE
Laserjet M725 Multifunction printer Support	
HD 1 year Post Warranty / hour 9v5 Laseriet M725 Multifunction printer	II7V7/DE

To know what HP Care Pack services exist for your product, please visit Care Pack Central at hp.com/go/cpc

Paper

Support

hp.com/go/paper

Software

HP Web Jetadmin: hp.com/go/wja
HP Universal Print Driver: hp.com/go/upd

¹ Fax capabilities are available with an optional fax card on the HP LaserJet Enterprise MFP M725dn. ² Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see hpconnected.com). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades. ³ High-capacity cartridges are optional for the HP LaserJet Enterprise 700 MFP Series M725. ⁴ HP Web Jetadmin is free and can be downloaded at hp.com/go/webjetadmin. ⁴ HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. ⁴ HP EcoSMART Fleet must be purchased separately.

HP LaserJet Enterprise MFP M725 series

AIO functions	HP LaserJet Enterprise 700 MFP M725dn (CF066A)	HP LaserJet Enterprise 700 MFP M725f (CF067A)	HP LaserJet Enterprise 700 MFP M725z (CF068A)	HP LaserJet Enterprise 700 MFP M725z+ (CF069A)	
	Print, copy, scan		Print, copy, scan, fax		
Print					
Duplex print options	Automatic (standard)				
Print speed ¹	Up to 40 ppm (Black, letter); First page out²: As fast as 10 sec				
Print technology			eser		
Print resolution	Black (best): Up to 12	00 x 1200 dpi; Black (normal): HP FastRes 1200 (1	200 dpi quality), 600 x 600 dpi with HP Resolution I	Enhancement technology	
Printer Smart Software features	HP ePrint, Apple Airl	Print, Open Extensibility Platform, FutureSmart Firn	nware, HP Auto-On/Auto-Off technology, Easy Acce	ess USB, Image Preview	
Mobile printing capability		HD eDript:	Apple AirPrint		
Standard print languages			script level 3 emulation; PDF 1.4		
Scan		111 1 CE 0, 111 1 CE 5C, 111 post.	script tever 5 cmutation, 1 bi 1.4		
Scan type/technology		Flatbed. ADF: Technology:	Charge Coupled Device (CCD)		
Scan speed ³			and white), up to 30 ppm (color)		
Scan resolution		Hardware: Up to 600 x 60	0 dpi; Optical: Up to 600 dpi		
Scan file format		PDF, JPEG, TIFF,	MTIFF, XPS, PDF/A		
Scan input modes	Copy, scan to	e-mail, scan to network folder, scan to USB, save to	device memory, fax, Open Extensibility Platform (C	OXP) applications	
Scan size maximum		ADF, Flatbed: 11 x	17 in (297 x 420 mm)		
Scanner advanced features	Optimize text/picture; Image adjustments; .	Iob build; Output quality setting; Selectable scan re		se; Auto tone; Auto job notification; Blank page	
			; HP Quick Sets		
Bit depth/Grayscale levels		24 b	it/256		
Сору		·	(0)		
Copy speed4			n (Black, letter)		
Copy resolution			phics): 600 x 600 dpi		
Max number of copies		•	999 copies		
Copier reduce/enlarge	Cidas, Callata, Danas Calastian, Dadusa	25 to Enlarge; Image Adjustment; Content Orientation; F) 400%	imina Tout/Distura Original Sina Joh Duild	
Copier settings Digital Sending Standard	Sides, Collate, Paper Selection, Reduce	/Enlarge, image Aujustment, content orientation, F	ages per sneet, booklet format, Euge to Euge, Opti	illize lext/Picture, Original Size; Job Build	
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 Addre	ess Book; SMTP over SSL	
ax					
Transmission speed ⁵	Not Applicable		Up to 33.6 kbps; 3 sec per page		
Fax resolution	Not Applicable		dpi for received faxes only); Black (standard): 204 ack Photo Grayscale: 300 x 300 dpi (400 x 400 dp		
Fax smart software features	Not Applicable		; scale-to-fit; fax address book; LAN/Internet fax; f	<u> </u>	
Fax memory	Not Applicable		Up to 100 pages		
Fax features	Not Applicable	Auto Fax Reduction Supported: Yes; Auto-Re Supported: Yes; Fax Phone TAM Interface Supp	dialing: Yes; Fax Delayed Sending: No; Distinctive		
			orted: No; Fax Polling Supported: Yes (poll to rece elephone Handset Supported: No; Fax Telephone		
Connectivity		Supported: Yes; T	elephone Handset Supported: No; Fax Telephone	Mode Supported: No	
Connectivity Standard connectivity		Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10	elephone Handset Supported: No; Fax Telephone 100T network; 1 Foreign Interface; 1 Hardware Inter	Mode Supported: No gration Pocket; 2 Internal USB Host	
Standard connectivity		Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 r (standard) supports: 10Base-T, 100Base-Tx, 100C	elephone Handset Supported: No; Fax Telephone 00T network; 1 Foreign Interface; 1 Hardware Inter Base-T; 802.3az (EEE) support on Fast Ethernet an	Mode Supported: No gration Pocket; 2 Internal USB Host	
Standard connectivity Network capabilities		Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 rr (standard) supports: 10Base-T, 100Base-Tx, 100C networki	elephone Handset Supported: No; Fax Telephone 100T network; 1 Foreign Interface; 1 Hardware Inte 18ase-T; 802.3az (EEE) support on Fast Ethernet an 1g (optional)	Mode Supported: No gration Pocket; 2 Internal USB Host	
Standard connectivity Network capabilities Wireless capability	Via HP Jetdirect Ethernet embedded print serve	Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 rr (standard) supports: 10Base-T, 100Base-Tx, 100C networki	elephone Handset Supported: No; Fax Telephone 100T network; 1 Foreign Interface; 1 Hardware Inte 1Base-T; 802.3az (EEE) support on Fast Ethernet an 1g (optional) chase of a hardware accessory	Mode Supported: No gration Pocket; 2 Internal USB Host	
Standard connectivity Network capabilities Wireless capability Modem		Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 rr (standard) supports: 10Base-T, 100Base-Tx, 100C networkii Optional, enabled with purc	elephone Handset Supported: No; Fax Telephone 000T network; 1 Foreign Interface; 1 Hardware Inte 18ase-T; 802.3az (EEE) support on Fast Ethernet an 19 (optional) chase of a hardware accessory 33.6 kbps	Mode Supported: No gration Pocket; 2 Internal USB Host	
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Standard connectivity Network capabilities Wireless capability Modem Memory Processor speed	Via HP Jetdirect Ethernet embedded print serve	Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 rr (standard) supports: 10Base-T, 100Base-Tx, 100C networki Optional, enabled with pure	elephone Handset Supported: No; Fax Telephone OOT network; 1 Foreign Interface; 1 Hardware Inter Base-T; 802.3az (EEE) support on Fast Ethernet an ig (optional) chase of a hardware accessory 33.6 kbps GB O MHz	Mode Supported: No gration Pocket; 2 Internal USB Host	
Standard connectivity Network capabilities Wireless capability Modem Memory Processor speed Duty cycle (monthly, A4) ⁶	Via HP Jetdirect Ethernet embedded print serve	Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 rr (standard) supports: 10Base-T, 100Base-Tx, 100C networki Optional, enabled with pure	elephone Handset Supported: No; Fax Telephone 100T network; 1 Foreign Interface; 1 Hardware Inter 108ase-T; 802.3az (EEE) support on Fast Ethernet an 10g (optional) 11chase of a hardware accessory 13.6 kbps 10g 10g 10g 10g 10g 10g 10g 10	Mode Supported: No gration Pocket; 2 Internal USB Host	
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Standard connectivity Network capabilities Wireless capability Modern Memory Processor speed Duty cycle (monthly, A4) ⁴ Recom monthly page volume Paper handing Media type Media weight Custom media sizes ADF capacity Dimensions (W x D x H) Weight What's in the box ⁴ Warranty features Compatible operating systems Winimum system equirements Forts and Typefaces	Not Applicable Paper (color, letterhe Paper (color, letterhe 24.2 x 25.6 x 24 in (614 x 649 x 609 mm) Max: 34.1 x 38.9 x 24 in (865 x 989 x 609 mm) 119.3 ib (54.11 kg) M725dn: HP Laser Jet Enterprise MFP M725; Windows 8, Windows 7, Windows Vista, Windo 10.6, 05 X Lion, 05 X Mountain Lion; For the lates hp.com/go/juhkmodelscripts, hp.com/go/j PC: Windows 8, Windows 7, Windows Vista, Windo Mac: Mac W5 X 10.6, 05 X Lion, 05 X Mountain 105 internal TrueType fonts scalable in HP PCL, selection of the selecti	Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 rr (standard) supports: 10Base-T, 100Base-Tx, 100C	elephone Handset Supported: No; Fax Telephone OOT network; 1 Foreign Interface; 1 Hardware Inter Base-T; 802.3az (EEE) support on Fast Ethernet an g (optional) chase of a hardware accessory 33.6 kbps GB O MHz 0,000 pages o 20,000 pages ough, tough paper), bond, cardstock, envelope, labe Trays 2-6: 16 to 32 lb (60 to 120 g/m²) o 11.7 x 14.3 in; Trays 3-6: 5.8 x 8.3 to 11.7 x 17 ir 100 sheets 29.3 x 26.8 x 46.9 ir Max: 36.1 x 40.6 x 46.9 206.3 lb (92.35 kg) alardware Installation Guide, Support flyer, Warrant 17252+: Same as above plus Telecom cable site warranty serminal Services (hp.com/go/upd); Novell (novell.co (go/sap/drivers, hp.com/go/sap/print); HP ePrint oare System requirements, see microsoft.com; sustanticon (Euro symbol built-in); sent internal Union cans, sustanticon cans, sustanticon (Euro symbol built-in); sent cans, sustanticon (Euro symbol bu	Mode Supported: No gration Pocket; 2 Internal USB Host Id Gig Links; iPsec (standard); 802.11b/g/n wireles els, transparency, vellum In (745 x 681 x 1192 mm); In (917 x 1032 x 1192 mm) 225.8 lb (102.42 kg) y guide; Printer documentation and software on 2 (64-bit), Windows Server 2012 (64-bit); Mac OS X m/iprint); Linux (hplip.net); UNIX (hp.com/go/unix Mobile Driver (hp.com/go/eprintmobiledriver) ws Server 2012 (64-bit); 200 MB available hard of CD-ROM/DVD-ROM or Internet, see apple.com Fonts (Andale Mono WorldType); 2 Internal Windo on available at hp.com/go/laserjetfonts	
Standard connectivity Network capabilities Wireless capability Modern Memory Processor speed Duty cycle (monthly, A4) ⁵ Recom monthly page volume Paper handing Media type Media weight Custom media sizes ADF capacity Dimensions (W x D x H) Weight What's in the box ⁶ Warranty features Compatible operating systems Alnimum system	Not Applicable Paper (color, letterhe Paper (color, letterhe 24.2 x 25.6 x 24 in (614 x 649 x 609 mm) Max: 34.1 x 38.9 x 24 in (865 x 989 x 609 mm) 119.3 lb (54.11 kg) M725dn: HP Laser Jet Enterprise MFP M725; Windows 8, Windows 7, Windows Vista, Windon 10.6, OS X Lion, OS X Mountain Lion; For the laber hp. com/go/unkxmdelscripts, hp. com/go/J PC: Windows 8, Windows 7, Windows Vista, Windoms Windows 8, Windows 7, Windows Vista, Windoms 10.5 internal TrueType fonts scalable in HP PCL, State 8 Fonts (calibri, Cambria); 2a dit 8.0-in (20.3 cm) color LCD with touchscriete	Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 r (standard) supports: 10Base-T, 100Base-Tx, 100C networkik Optional, enabled with pure 1 1 80 Up to 200 Up to 5000 t ad, light, plain, preprinted, prepunched, recycled, re Tray 1: 16 to 53 lb (60 to 199 g/m²); Tray 1: 3 x 5 to 12.3 x 18.5 in; Tray 2: 5.8 x 8.3 t Standard 29.3 x 26.8 x 45.7 in (745 x 681 x 1160 mm); Max: 36.1 x 40.6 x 45.7 in (917 x 1032 x 1160 mm); 192.3 lb (87.1 kg) HP Black Laser Jet Toner Cartridge (10,000 pages); CU-ROM; Power cord. M725f, M7252 & N One-year or ws XP (SP2+), Windows Server 2003 (SP1+), Windows st operating system support see: Citrix and Windows 1 lows XP (SP2+), Windows Server 2003 (SP1+), Windows Stoperating system support see: Citrix and Windows 1 lows XP (SP2+), Windows Server 2003 (SP1+), Windows 1 space; operating system compatible hard win Lion; 1 GB available hard disk space; operating system compatible hard win Lion; 1 GB available hard disk space; operating system compatible hard win Lion; 1 GB available hard disk space; operating system compatible hard win Lion; 1 GB available hard disk space; operating system compatible hard win Lion; 1 GB available win third-party flash n lonal font solutions available win third-party flash n	elephone Handset Supported: No; Fax Telephone 00T network; 1 Foreign Interface; 1 Hardware Inter 18ase-T; 802.3az (EEE) support on Fast Ethernet an 19 (optional) 1 chase of a hardware accessory 33.6 kbps 18	gration Pocket; 2 Internal USB Host Id Gig Links; IPsec (standard); 802.11b/g/n wireles Id Gig Links; IPsec (standard); 802.11b/g/n wireles Internal Company of the Company	

Non-operating humidity range: Recommended operating humidity range: 10 to 90% RH

30 to 70% RH 50 to 91° F (10 to 32.5° C) Operating temperature range:

50 to 91° F (10 to 32.5° C) 32 to 140° F (0 to 60° C) Recommended operating temperature range: Storage temperature range: Acoustic¹⁰

Acoustic power emissions: 6.8 B(A) Acoustic power emissions (active copy): Acoustic power emissions (ready): 7.1 B(A) 5.0 B(A)

Acoustic pressure emissions bystander (active copy):

Power consumption:

Power supply type: 110-volt input voltage: (Option #BGJ, #201) 110 to 127 Power supply required:

VAC (+/- 10%), 50/60 Hz (+/- 2 Hz); 220-volt input voltage: (Option #AAZ) 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier)

890 watts (Active print/copy), 39 watts (Ready), 6.5 watts (Sleep), 0.3 watts (Off)

Typical Electricity Consumption (TEC): 3.31 kWh/Week (110/220 V), 2.8 kWh/Week (Blue Angel)

¹ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ² Exact speed varies depending on the system configuration, software application, driver, and document complexity. ² Exact speed varies depending on the system configuration, software application software. ⁴ First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ³ Based on standard ITU-Test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. ⁵ Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a due provides a one memory. ⁵ Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a divent provides and provided individuals or groups. ⁸ 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. Values subject to change, see hp.com/support for current information. Acoustic values are subject to change. For current information see hp.com/suconfiguration tested: base model, simplex printing, A4 paper at an average of 40 ppm.





To learn more, visit hp.com













56 dB(A)







HP LaserJet Enterprise M611 series



This HP LaserJet with JetIntelligence combines performance, energy efficiency, and security.

This HP LaserJet Printer with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network from attacks with the industry's deepest security.

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. http://www.hp.com/go/learnaboutsupplies



HP LaserJet Enterprise M611dn



HP LaserJet Enterprise M611x

The world's most secure printing1

- With HP Sure Start, operating code is automatically checked at startup and repairs itself if compromised.
- Run-time intrusion detection continually monitors to detect and stop attacks, then automatically reboots.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.
- Give workgroups what they need to succeed. Easily choose and deploy hundreds of HP and third-party solutions.

High-speed performance meets energy efficiency

- Speed through tasks and save paper. Print two-sided documents nearly as fast as single-sided.
- This printer wakes up and prints your first page fast—in as quickly as 7.8 seconds.4
- This printer uses low amounts of energy thanks to its innovative design and toner technology.
- Easily manage print jobs directly at the printer—just tap and swipe the 4.3-inch (10.9 cm) color touchscreen.

Performance and protection you can count on

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Help retain the Original HP quality you paid for with anti-fraud and cartridge authentication technology.
- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.

¹ HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP Futures/mart firmware 4.5 or above. Claim based on HP review of 2019 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: http://www.hp.com/go/PrinterSchatProtect. For more information, visit: http://www.hp.com/go/PrinterSchat/protect. For more i

HP LaserJet Enterprise M611x

Product walkaround

- 1. Hardware Integration Pocket¹
- 2. 4.3-inch (10.9 cm) color touchscreen control panel
- 3. Easy-access USB port
- 4. 100-sheet multipurpose tray 1
- 5. Front door access to toner cartridges
- 6. 550-sheet input tray 2
- 7. 550-sheet input tray 3
- 8. 500-sheet output bin
- 9. Automatic two-sided printing
- 10. Wi-Fi Direct®4/Bluetooth® Low Energy7
- 11. Host USB port
- 12. Gigabit Ethernet network port
- 13. Hi-Speed USB 2.0 printing port
- 14. Slot for cable-type security lock



Close-up of I/O ports

Series at a glance

HP High-Performance Secure Hard Disk



Optional

HP LaserJet Enterprise M611dn



HP LaserJet Enterprise M611x

Optional

Part number7PS84A7PS85APrint speeds (Letter)²Up to 65 ppmUp to 65 ppmControl panel4.3-inch (10.9 cm) color touchscreen4.3-inch (10.9 cm) color touchscreenAutomatic two-sided printing√√

Automatic two-sided printing Hardware Integration Pocket¹ √ √ 100-sheet tray 1, 550-sheet tray 2 550-sheet paper feeder³ Optional (up to four) √ (plus up to three optional) 2,100-sheet paper feeder³ Optional Optional **Envelope feeder** Optional (up to two) Optional (up to two) **Printer stand** Optional Optional 5-bin stapler/stacker/mailbox with job offset Optional Optional **Direct mobile printing** Optional wireless direct4/NFC5 Embedded Wi-Fi Direct4/Bluetooth Low Energy7 Wireless networking Optional⁶ Optional⁶

¹ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. ² Measured using ISO/IEC 24734; excludes first set of test documents. For more information, see hp.com/go/printerclaims Exact speed varies depending on the system configuration, software application, driver, and document complexity. ³ all models come standard with the 100-sheet multipurpose tray and 550-sheet paper feeders and the optional 2,100-sheet paper feeders. The M610dn, M611dn, and M612dn models can add up to three additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeders. ⁴ Wi-Fi Direct printing is embedded in the HP Laser let Enterprise M611x and M612dn models can add up to four additional optional 550-sheet paper feeders and the optional 2,100-sheet paper feeder. ⁴ Wi-Fi Direct printing is embedded in the HP Laser let Enterprise M611x and M612d with purchase of the optional 4P Jetifiert 3000w. NFC/Wireless Direct Accessory. Mobile device needs to be connected directly to the signal of a Wi-Fi Direct sign count-to-print capability is optional for all models (except M611x and M612d) with purchase of the optional HP Jetifiert 3000w. NFC/Wireless Direct Accessory. Mobile device must support Near Field Communication NFCI—enabled printing. For more information, see hps.com/go/businessmobileprinting. ⁶ All models can add wireless networking with the purchase of the optional HP Jetifiert 3000w. Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. ⁷ Bluetooth Low Energy is standard only on the HP Laser let Enterprise M611x and M612x models, and it cannot be added to other models. Bluetooth is a trademark owned by its proprietor and used by HPI inc. under Inceres.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc













Top features

Only HP Enterprise printers repair themselves from attacks in real time while offering outstanding manageability. Automatically monitor threats, detect intrusions, and validate operating software while centrally managing your fleet with ease.

With speeds up to 65 pages per minute,³ fast first page out, and a variety of paper-handling options, you get confidence that your employees can speed through their tasks without interruption.

Help protect your printer using Original HP Toner cartridges with JetIntelligence.

Accessories

LOH17A HP LaserJet 550-Sheet Paper Feeder

LOH18A HP LaserJet 2100 Sheet Paper Feeder

LOH19A HP LaserJet Printer Stand

LOH20A HP LaserJet Stapler/Stacker/ Mailbox

LOH21A HP LaserJet Envelope Feeder

LOH22A HP LaserJet Extension Tray Cover

2MU47A HP Accessibility Assistant

2NR03A HP 1GB 90-Pin DDR3 TAA Version DIMM

2NR12A HP Removable Hard Drive Enclosure

3JN69A HP JetDirect 3100w BLE/NFC/Wireless Accy

5EL03A HP TAA Version Secure Hard Disk Drive

B5L28A HP Internal USB Ports

B5L29A HP Secure High Performance Hard Disk Drive

CC543B HP SmartCard NIPRNet Solution for US Government

F2A86A HP Int USB Ports Bulk M604/605/606 Accy

G6W84A HP 1GB 90-Pin DDR3 DIMM

J8031A HP Jetdirect 2900nw Print Server

X3D03A HP USB Universal Card Reader

Y7C05A HP HIP2 Keystroke Reader

4QL32A HP Legic Reader

Supplies

HP Staple Cartridge Refill J8J96A

HP LaserJet 110v Maintenance Kit L0H24A

HP LaserJet 220v Maintenance Kit L0H25A

Solutions

Overview: The HP Solutions portfolio provides a broad array of solutions designed towork with many HP printers and MFPs. They can help improve productivity, safeguard your data, and drive down costs. Helping employees and your IT teamwork more efficiently.

Security: HP JetAdvantage Security Manager fleet security compliance and management; HP Access Control; HP JetAdvantage Secure Print; Card readers; Secure Encrypted Print (UPD)

Management: HP WebJetAdmin; HP JetAdvantage Security Manager; HP JetAdvantage Insights For more information on solutions, go to http://www.hp.com/go/jetadvantage. For a list of 3rd party solutions, go to http://www.hp.com/go/gsc.

Services

U9NE0E - HP 3v NBD LJ Ent M608 M611 SVC

U9NE5E - HP 5v 4h 9x5 LJ Ent M608 M611 SVC

U9NE8E - HP 5y 4h 13x5 LJ Ent M608 M611 SVC

U9NF4E - HP 5y Nbd Exch LJ Ent M608 M611 SVC

U9NF7E - HP 5y RtD LJ Ent M608 M611 SVC

U9NF9E - HP 4y ChnlPartsOnly LJ Ent M608 M611 SVC

U9NG0E - HP 5y ChnlPartsOnly LJ Ent M608 M611 SVC

U9NG5PE - HP 2y PW NBD LJ Ent M608 M611 SVC

U9NG7PE - HP 2y PW 4h 9x5 LJ Ent M608 M611 SVC U9NG8PE - HP 1y PW 4h 13x5 LJ Ent M608 M611 SVC

U9NH1PE - HP 1y PW Nbd Exch LJ Ent M608 M611 SVC

U9NH2PE - HP 1y PW RtD LJ Ent M608 M611 SVC

U9NH4PE - HP 2y PW PartsOnly LJ Ent M608 M611 SVC

U9PS8E - HP MKRS LJ M60x M611 Fuser 110 SVC

U9PS9E - HP MKRS LJ M60x M611 Fuser 110 SVC

U9JT2E - HP Inst SVC w/nw Workgroup Printer

¹ HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP Future/Smart firmware 4.5 or above. Claim based on HP review of 2019 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: http://www.hp.com/go/PrinterSThatProtect. For more information, visit: http://www.hp.com/go/PrinterSecurityClaims 2 HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/PrinterSecurityClaims 3 Neasured using SO/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. Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, and document complexity and time in sleep. Shart Shart Original Laser Jet Tom Cartridges not included; please purchase separately. For ICGs As emissions compliant device enhances the less striping thigher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment due to the increased risk of interference to radio communication.

HP LaserJet Enterprise M611 series

Technical Specifications	HP LaserJet Enterprise M611dn(7PS84A)	HP LaserJet Enterprise M611x(7PS85A)	
Print speed	A4: Up to 61 ppm black; Letter: Up to 65 ppm black; ⁹ ; A5: U	Jp to 100 ppm ¹⁰ ; First Page Out Black: As fast as 5.1 sec; ¹¹	
Ouplex Print speed	A4: Up to 50 ipm black; Letter: Up to 53 ipm black		
rint resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): FastRes 1200; Black (fine lines): Up to 1200 x 1200 dpi		
Print Technology	Laser; Print Resolution Technologies: Normal FastRes 1200; Fine Lines (1200 x 1200 dpi), Quickveiw (300 x 300 dpi), Economode (600 x 600 dpi)		
Print Cartridges Number	1 (bl	lack)	
Standard Print Languages	HP PCL 6, HP PCL 5, HP postscript level 3 emula		
Printer Smart Software Features	Print preview, duplex printing, print multiple pages per sheet (2, 4,	, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB	
Printer Management	HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SN		
Standard Connectivity	The Finite Assistant, the Device 100,000, the web Jerustinia Jordana, the Jordan Andrews and the Configuration Utility - Driver Deloyment Utility - Managed Printing Administrator is a Configuration Utility - Driver Deloyment Utility - Managed Printing Administrator is 1. Hi-Speed USB 2.0 Device: 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/10007 network; 1 Hardware Integration Pocket		
Network Capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T;		
	802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).	802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); Built-in 802.11a/b/g/n wireless networking (standard);	
Wireless Capability	Optional, enabled with purchase of a wireless hardware accessory, Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory JJM69A, Dual band Wireless Station functionality available with HP Jetdirect 2900nw Print Server J8031A	Yes, built-in WiFi with Dual band Wireless Station, Wi-Fi Direct functionality and BLE.	
Mobile Printing Capability	HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified; ROAM optional for easy printing ⁷	HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified; ROAM capable for easy printing; Wi-Fi® Direct printing ⁷	
Memory		emory, when 1GB Accessory DIMM is installed	
Processor Speed		00 GB (with accessory B5L29A)	
Duty Cycle	Monthly, letter: Up to 275,000 pagesRecomme	ended Monthly Page Volume: 5000 to 25000 ¹²	
Paper Handling	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic documen feeder: Up to 650 sheets standard labels legal; Duplex Options : Automatic (standard); Envelope Feeder : Yes, 75 (optional); Standard Paper Trays : 2; Media Types Supported : Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), monor transparency, labels, letterhead, envelope, heavy envelope; Media Megint Supported : Automatic Duplexer: 16 to 32 lb; Media Sizes Supported : 100-sheet multipurpose Tray 1: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4.5 in, 4.5 in, 5.7 in, 5.2 kii, Envelopes: 9; #10, Monarch; 550-sheet input Tray 2: Letter, Legal; Executive, Statement, Oficio (8.5 x 13), 4.4 6 in, 5.7 in, 5.8 bir; 2000-sheet optional HCI: Letter, Legal; 75-sheet optional envelope feeder: 49, #10, Monarch; Media Sizes Custom : 100-sheet multipurpose Tray 1: 3 x 5 to 8.5 x 14 in; 550-sheet input Tray 2: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 550-sheet	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder; 1\(1\) to 1200 sheets standard labels leagi, Utput Capacities : 500 sheet output bin; Up to 500 sheets standard labels leagid. Utput Capacities : 500 sheet output bin; Up to 500 sheets standard labels leagid. Duplex Options : Automatic (standard): Envelope Feeder : Yes, 75 (optional): Standard Paper Trays : 2; Media Types Supported : Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colorer orugin, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope; Media Weight Supported : Automatic Duplexer: 16 to 32 lb; Media Sizes Supported : 100-sheet multipurpose Tray 1: Letter, Legal, Executive, Statement, Officio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 550-sheet optional Feeder: Letter, Legal; 75-sheet optional envelope feeder: 49, #10, Monarch; Media Sizes Custom : 100-sheet multipurpose Tray 1: 3 x 5 to 8.5 x 14 in; 550-sheet optional feeder: 3.9 x 5.8 to 8.5 x 14 in; 75-sheet envelope feeder: 3.5 x 5.8 to 7 x 10 x 5.8 to 8.5 x 14 in; 75-sheet envelope feeder: 3.5 x 5.8 to 7 x 10 x 5.8 to 8.5 x 14 in; 75-sheet envelope feeder: 3.5 x 5.8 to 7 x 10 x 5.8 to 8.5 x 14 in; 75-sheet envelope feeder: 3.5 x 5.8 to 7 x 10 x 5.8 to	
Product Dimensions	W x D x H; 17 x 18.3 x 15 in; 431 x 466 x 380 mm Maximum; 17 x 40.9 x 17.8 in; 431 x 1040 x 453 mm	WxDxH: 17 x 18.3 x 19.9 in; 431 x 466 x 505 mm Maximum; 17 x 43.3 x 22.9 in; 431 x 1100 x 581 mm	
Product Weight	47.5 lbs ³ ; 21.6 kg ³	58 lbs ³ : 26.3 kg ³	
What's in the box			
Replacement Cartridges	HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages) W1470A; HP 147X High Yield Black Original Las	SK yield): Documentation (Hardware Install Guide, Regulatory Flyer); Power cord. ² serJet Toner Cartridge (~25,200 pages) W1470X; HP147Y Extra High Yield Black Original LaserJet Toner Cartridge jes) W1470 ⁶	
Warranty Features	· ·	to http://www.hp.com/support to learn about HP award winning service and support options in your region.	
Energy Star Certified		ps	
Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Silver;	**	
		hscreen; rotating (adjustable angle) display; Home button	
Control Panel) with touchscreen; rotating (adjustable angle)	
Display Description		x, only on http://hp.com, http://123.hp.com;	
Software Included			
Fonts and Typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript level 3 emulation (Euro sy	mbol built-in); 1 internal Unicode Fonts (Andale Mono World Type); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria) r let Fonts and IDDS Emulation available at http://www.hp.com/go/laserietfonts	
Compatible Operating Systems	Additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts Windows Client OS (32/64 bit)., Win10, Win8.1, Win7 Ultimate, Mobile OS-, iOS, Android, Mac-, Apple® macOS Sigera v10.13, Apple® macOS High Sierra v10.14, Apple® macOS Hope		
Compatible Network Operating Systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Citrix Server 6.5. (Itrix XenApp & KenDesktop 7.6, Novell Print server, "Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://location.com/p.citrix.c		
Minimum System Requirements	PC: 2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com;; MAC: 2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see apple.com;		
Power	Power Supply Type: Built in 115V or 220V Power Supply (Not dual voltage, power supply varies by part number with # Option code identifier); Power Requirements: 100V - 127V nominal @ +/-10% (min 90V, max 140V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 12 A; 220V - 240V nominal, @ +/-10% (min 198V, Max 264V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 12 A; 220V - 240V nominal, @ +/-10% (min 198V, Max 264V); 50 - 60Hz nominal +/- 3Hz (min 47Hz, max 63Hz), 6 A; Power Consumption: Sub watts (printing), 15.3 watts (ready), 3.1 watts (sleep), c.0.1 watts (who diffManual on), c.0.1 watts (Manual off) +/- ("yokiel electricity consumption (TED) number : ES: 0.995 kWh/week, 8A: 2.425 kWh/week)		
Acoustics	Acoustic Power Emissions: 6.9 B(A): Acoustic Pressure Emissions: 55 dB(A) ⁸		
Operating Environment	Operating Temperature Range: 10 to 32.5°C; Recommended Operating Temperature: 15 to 27°C; Storage Temperat	three Range: -20 to 40°C; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 6 RH	
Security Management	Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party Kerberos authentication; Supports WIA-10 IPsec configuration Plug-in; 802.1 X authentication (EAP-PEAP; EAP-TLS validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Sec Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Che	radvanced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with Certificate; Pre-Shared Key; an); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 urity lock slot; USB port disablement; hardware integration pocket for security solutions; Intrusion Detection with Red cking with self-healing capability; Whitelsting - loads only known good code (DLLs, EXEs,); Security management: yslog Messages processed and accessable in Arcsight and Splunk SIEMs	

1 EPEAT® registered where applicable. EPEAT negistered where applicable. EPEAT negistered where applicable. EPEAT negistered where population varies by country. See http://www.epeat.net for registration status by country. 2 Average black declared yields based on 150/EC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see
http://www.hp.com/go/fean/aboutsupplies. 3 with print cartridges. 4 Power requirements are based on the country/region where the printer as void but not convert operating voltages. This will damage the printer and void the product warranty. Power consumption values pipically based on measurement of 115V device. 5 BA TEC is equal to
see TEC. Power requirements are based on the country/region where the printer and void the product warranty. Power consumption values pipically based on the country/region where the printer and void the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty. Power consumption values pipically based on the product warranty power than the product warranty power. The product values pipically pipically based on the product warranty po

Learn more at hp.com





HP A3 Printing Devices

HP Color LaserJet Enterprise MFP M776 series



Brilliant color prints, JetIntelligence technology and the world's most secure printing ¹

Expect brilliant color prints from advanced MFPs, equipped with JetIntelligence technology. Offering the world's most secure printing ¹ and a wide range of paper handling features, this is printing that helps save time and simplifies workflows.



HP Color LaserJet Enterprise MFP M776dn



HP Color LaserJet Enterprise Flow MFP M776z



HP Color LaserJet Enterprise Flow MFP

Work stands out with exceptional color performance

- Special print mode for a wider color range and extra vividness for documents and marketing materials.
- Look professional with vibrant, high-quality color prints that can stand the test of time
- Get professional quality and performance with Original HP Toner cartridges and drums with JetIntelligence.
- Produce full-bleed A3 marketing materials by printing on SRA 3 paper and trimming down to size.

The world's most secure printing¹

- Each printer in your fleet checks its operating code and repairs itself from attacks.
- Your printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.
- Memory activity is monitored to continually detect and stop attacks
- Firmware is automatically checked during startup to determine if it's authentic code digitally signed by HP.

Simplify and speed up workflows

- Help workgroups capture every page easily and detect potential errors or missed pages -every time.³
- Enter data more quickly and accurately using the pull-out keyboard.³
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.³
- Load up to 200 pages into the automatic document feeder for fast, unattended scanning.

Minimal interruptions. Maximum productivity.

- Change the toner and drum in seconds. Both are easily accessible and come already installed out of the box.
- Avoid interruptions with an HP LaserJet printer designed for maximum productivity.
- Tailor this printer to meet the needs of your business with a wide range of paper-handling
- Print as fast as 45/46 pages per minute, (letter/A4)² to create a smoother workflow with less interruptions.

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future http://www.hp.com/go/learnaboutsupplies

¹ Based on HP review of 2018 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/printersecurityclaims 2 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.

³ For z and zs model only

Product walkaround

- 1. Hardware Integration Pocket¹
- 2. 200-sheet inner finisher output bin
- 3. 500-sheet output bin
- 4. Convenience stapler²
- 5. Stapler/stacker inner finisher²
- 6. Pull-out keyboard (Flow models only)
- 7. Front door (access to JetIntelligence toner cartridges and imaging drums)
- 8. 550-sheet tray 2 supports media sizes up to 11.7 x 17 inches (297 x 432 mm)
- 9. Dual-band Wi-Fi® and Wi-Fi Direct with Bluetooth® Low Energy³
- 10. 200-sheet ADF with single-pass, two-sided scanning handles media sizes up to 11.7 x 34 inches (297 x 864 mm)
- 11. 9.0-inch (22.8 cm) functional touchscreen with 8.0-inch (20.3 cm) Color Graphics Display
- 12. Easy-access USB port4
- 13. Upper-right door (access to print path)
- 14. Right door (access to the fuser)
- 15. Automatic two-sided printing
- 16. 100-sheet multipurpose tray 1 supports media sizes up to 12×18 inches (305 x 457 mm) and SRA3
- 17. 2x550-sheet tray with stand supports media sizes up to 12 x 18 inches (305 x 457
- 18. 2 Hi-Speed USB 2.0 Host ports
- 19. Gigabit/Fast Ethernet 10/100/1000Base-TX network port
- 20. Hi-Speed USB 2.0 device port
- 21. Fax port⁵











Model	HP Color LaserJet Enterprise MFP M776dn	HP Color LaserJet Enterprise Flow MFP M776z	HP Color LaserJet Enterprise Flow MFP M776zs
Product number	T3U55A	3WT91A	T3U56A
Functions	Print, copy, scan; optional fax	Print, copy, scan, fax	
Print speed (letter/A4, black and color)		Up to 45/46 pages per minute (ppm)	
Scan speed (letter and A4, black and color)	Simplex: Up to 90 ppm Duplex: Up to 180 images per minute (ipm) Simplex: Up to 120 ppm Duplex: Up to 240 ipm		
Automatic two-sided printing (default ⁸)		√	
100-sheet multipurpose tray 1 and 550 sheet tray 2		√	
1x550-sheet paper tray	Optional (add up to one) ⁹	√	Not applicable
2x550-sheet paper tray and stand	Optional (add up to one stand only)	v	1
2,700-sheet HCl paper tray and stand	Optional (add up to one stand only)	Not applicable	
HP LaserJet stand	Optional (add up to one stand only)	Not applicable	
Stapler/Stacker inner finisher	Not ap	plicable	\checkmark
Convcenience stapler	Not ap	pplicable √	
Input capacit y (standard/maximum ¹⁰)	Up to 650/3,900 sheets	Up to 2,300/2,300 sheets	Up to 1,750/1,750 sheets
Advanced workflow features like pull- out keyboard, HP EveryPage, and OCR	Not applicable	v	1
Recommended monthly page volume ¹¹		Up to 40,000 pages	
Cartridge yield ¹² (A/X)	Black: ~16,000/34,000 pages; Color: ~13,000/29,000 pages (all models)		
HP High-Performance Secure Hard Disk	√		
Dual-band Wi-Fi® and Wi-Fi Direct with Bluetooth® Low Energy³	Optional	√	
NFC touch-to-print ¹³		Optional (all models)	

6 Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/qo/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and

Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution network conditions computer performance and application software. ⁸ All Laser Jet Pro, Enterprise, Managed, and PageWide products with introductions beginning in September 2019 will include consistent worldwide default duplex settings (across bundles/drivers); product introductions before September 2019 may have inconsistent default duplex settings across drivers.

⁹ The HP Color Laser Jet Enterprise MFP M776dn model may add up to one 1x550-sheet paper tray and one of the following: 2x550-sheet paper tray and stand, or 2,700 sheet HCl paper tray and stand, or the HP Laser Jet

stand.

10 Selection of optional paper-handling accessories required to reach maximum input capacity

17 Selection of optional paper-nanding accessories required to reach maximum input capacity.

17 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.

12 Average black and color composite (C/M/Y) declared toner yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details, see

¹ Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. The HP Color Laser Jet Enterprise MFP M776 series comes with a second-generation HIP.
2 Convenience stapler and Stapler/Stacker inner finisher accessory are only available on the HP Color Laser Jet Enterprise Flow MFP M776z/zs model.
3 Dual-band Wi-Fi[®] and Wi-Fi Direct with Bluetooth[®] Low Energy is embedded on the HP Color Laser Jet Enterprise Flow MFP M776z/zs models and can be added to the HP Color Laser Jet Enterprise MFP M776dn model with purchase of the HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Wi-Fi is a registered trademark of Wi-Fi Alliance[®]. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. Learn more at hp.com/go/mobileprinting.
4 An administrator must enable the easy-access USB port before use.
5 Fax capabilities are optional on the HP Color Laser Jet Enterprise MFP M776dn model.
6 Measured using IS/OIFC 24734. Available first set of test documents. For more information, see by com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver and

hp.com/go/learnaboutsupplies. Optional high-yield cartridges are not included with printer; please purchase separately.

13 NFC touch-to-print is optional and can be added with purchase of the HP Jetdirect 3100w BLE/NFC/Wireless Accessory (3JN69A). Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see hp.com/go/businessmobileprinting.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc:

Top features

Designed for superb color output, HP LaserJet Enterprise MFP M776 printers with HP JetIntelligence toner produce amazing quality output. Print high quality, premium marketing materials and professional documents with consistently brilliant color.

HP printers have the industry's strongest security because they're always on guard, continually detecting and stopping threats while adapting to new ones. And only HP printers automatically self-heal from attacks, so IT doesn't need to intervene.

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast and a pull-out keyboard allows for quick and easy data entry.

Continue at peak performance with a streamlined printer designed to be energy efficient and keep up with the pace of business.

باداری:
5
HP 2GB 144-Pin DDR3 TAA Version DIMM
HP Accessibility Assistant
HP Accessibility Kit
HP Jetdirect 3100w BLE/NFC/Wireless Accessory
HP Legic Secure USB Reader
HP TAA Version Secure Hard Disk Drive
HP Internal USB Ports
HP High-Performance Secure Hard Disk
HP Foreign Interface Harness
HP SmartCard NIPRNet Solution for US Government
HP 1 GB x32 144-pin (800 MHz) DDR3 SODIMM
HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
HP SmartCard SIPRNet Solution for US Government
HP Jetdirect 2900nw Print Server
HP Universal USB Proximity Card Reader
HP HIP2 Keystroke Reader
HP MFP Analog Fax 700 Accessory
HP Smartcard SIPRNet Solution
HP LaserJet 550-sheet Paper Tray
HP LaserJet Printer Stand
HP Color LaserJet 2x550-sheet Feeder and Stand
HP LaserJet 2700-sheet High Capacity Paper Tray and Stand
HP 659A Black LaserJet Toner Cartridge (~16,000 pages)
HP 659A Cyan LaserJet Toner Cartridge (~13,000 pages)
HP 659A Yellow LaserJet Toner Cartridge (~13,000 pages)
HP 659A Magenta LaserJet Toner Cartridge (~13,000 pages)
HP 659X Black LaserJet Toner Cartridge (~34,000 pages)
HP 659X Cyan LaserJet Toner Cartridge (~29,000 pages)
HP 659X Yellow LaserJet Toner Cartridge (~29,000 pages)
HP 659X Magenta LaserJet Toner Cartridge (~29,000 pages)
HP 660A Original LaserJet Imaging Drum (~65,000 pages, universal for all 4 colors)
HP Staple Refill Cartridge (only for ZS model)
HP 5y NBD w/DMR CLJ Ent M776 SVC
HP 5y 4h 9x5 w/DMR CLJ Ent M776 SVC
HP 5y 4h 13x5 w/DMR CLJ Ent M776 SVC
HP 5y ChnlPartsOnly CLJ Ent M776 SVC
HP 2y PW NBD w/DMR CLJ Ent M776 SVC

HP 2y PW w/DMR 4h 9x5 CLJ Ent M776 SVC HP 2y PW w/DMR 4h 13x5 CLJ EntM776 SVC

HP 2y PW ChnlPartsOnly CLJ Ent M776 SVC

HP Inst SVC w/nw Department Printer













UC2Y4PE

UC2Y6PE UC2Y8PE

U9JT3E

HP Color LaserJet Enterprise MFP M776 series

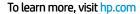
The content of the	Model Las	HP Color Laser Jet Enterprise MFP M7 / 6 Series	HP Color LaserJet Enterprise Flow MFP M776z	HP Color LaserJet Enterprise Flow MFP M776zs
The control of the co	Product number AIO functions	T3U55A	3WT91A	
Part	Print			Letter: Up to 45 ppm Black; Up to 45 ppm Color; 2-sided: Up to 45 ipm
Land Mit Confession (1997) Program the first price of income between the control of the control	Print speed ^{10,12,11}			Black; Up to 45 ipm Color; First page out: As fast as 6.7 sec Black; As fast 7.1 sec Color; Print speed (Landscape, A5): Up to 35 ppm Black; Up to 35 ppm Color
Comparison Com	Print resolution			
Section of the company of the compan	Print technology Print cartridges number			ated
The second control of	Standard print languages Printer smart software			ud Print
The control of the co	features	HP Device Toolbox: HP JetAdvantage Security Manager: HP Printer Assistant	: HP SNMP Proxy Agent: HP Web JetAdmin Software: HP WS Pro Proxy Agent: I	Printer Administrator Resource Kit for HP Universal Print Driver: Driver
Selection Land Control (1997) A property of the Control (1997) A p	Scan	Configuration Utility, Driver Deployment Utility, Managed Printing Administra	itor	
The content of the	Scan type / Technology Scan resolution		ict Image Sensor (CIS) ADF	
April Company April Co	Scan file format	Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A	(OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR)	
The company of the co	Scan input modes			P) applications; HP Scan or user application via TWAIN
The first product of the control of			· · · · · · · · · · · · · · · · · · ·	a to 240 inm (color)
And of Security above. A Part Filtram of Security and an above of the property of the propert	scan speed ·	to 180 ipm (color)		<u>`</u>
Service of the property of the	Scanner advanced features	KIF, IXI	Optimize text/picture; Image adjustments; Job build; Output quality setting; notification; Blank page suppression; HP Quick Sets; HP EveryPage; Auto or Auto-tone; Scan File Format: Hi-compression PDF; JPG; MTIFF; PDF; PDF/A TIFF, PNG, RTF, TXT	Selectable scan resolution 75 to 600 dp; Auto detect color; Edge Erase; Jo ientation; Embedded Optical Character Recognition (OCR), Auto crop to pa ; TIFF; XPS; HP scan supports: JPG, RAW(BMP), PDF, Searchable PDF, PDF
Best Selbert in the Selbert control of Selbert in the Selbert Selbert in the Selbert Sel	Digital sending standard reatures	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to SharePoint; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SSL: Blank Page Removal: Edge Erase; Auto Color Sense: Auto Crop To	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharep Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; C Straighten; Auto Crop To Page; OCR	oint; Send to FTP; Send to Internet Fax; Local Address Book; SMTP over SS ompact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto
Controlled (Caster) The State of Caster (Caster) The State of Ca	Сору	Black (ISO): Up to 46 cpm; Color (ISO): Up to 46 cpm; First copy out: As fast a	s 5.6 sec Black: As fast as 7.7 sec Color: 2-sided: Unito 45 inm Black: Unito 45	Black (ISO): Up to 46 cpm; Color (ISO): Up to 46 cpm; First copy out: As fa
The control of Care 1 Care 2 C	Copy speed ⁸	ipm Color	2.5.5.5.5.5.5.6.5.7.5.5.6.5.6.6.5.7.7.5.6.6.6.6	as b. / sec Black; As fast as 8.8 sec Color; 2-sided: Up to 45 ipm Black; Up 45 ipm Color
Services of the control of the contr	Maximum Number of Copies	Up to 9999 copies		
The control of the co	Copier resize Copier settings	Two-sided copying, scalability, image adjustments (darkness, contrast, back	ground cleanup, sharpness), N-up, N or Z-ordering, content orientation, collati	on, booklet, job build, edge-to-edge, job storage, ID Copy, Book Copy, A-to
Standard Sta	Fax	eepy (annotation and annotation)	Ha to 22.5 librar Hattaris sas per page	
per genome to the contraction of	Fax resolution		Black (best): Up to 300 x 300 dpi; Black (standard): 203 x 98 dpi	
The company of the co	Fax smart software features		Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; L. Fax memory: Up to 500 pages; Auto fax reduction supported: Yes; Auto-red	AN/Internet fax; Fax number confirmation; Holiday fax schedule ialing: Yes; Fax delayed sending: No; Distinctive ring detection supported: N
The company of the co	Fax Features		supported: Yes, up to 30 numbers may be blocked; Maximum speed dialing included; Remote retrieval capability supported: No; Telephone handset sup	pouing supported: No; Pax telephone mode supported: No; Junk Darner numbers: Up to 1000 numbers; PC interface supported: Yes, software not ported: No
Section 1 (1966) 1 (1	Connectivity	1 Hi-Speed Device LISB 2 0: 2 Hi-Speed LISB 2 0 rear host ports: 1 walkup		
species (State 1, 1000) (State	Standard connectivity	port; T Hardware Integration Pocket 2nd generation (HIP2)	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 rear host ports; 1 walkup US 1 Hardware Integration Pocket 2nd generation (HIP2), Wireless 802.11n/BLI	BB 2.0 host port; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network p E
intenses capability Applied and services (capability) Applied and services (capabili	Network capabilities	supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; (198ce (standard); 802.11a/b/g/n wireless networking (optional), second Ethernet port (optional)	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supp Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking	orts: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast g (standard), second Ethernet port (optional)
Apple Aminor 7, Coopy Coopy Province Province Spring Conference Spring Survivals 2.00 (a. 1) Aminor 2.00 (a.	Wireless capability	Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w	Yes, built-in Embedded WiFi with Dual band Wireless Station and Wi-Fi Direc HP Jetdirect 2900nw Print Server J8031 A; NFC functionality available with F	t functionality and BLE. Dual band Wireless Station functionality available IP Jetdirect 3100w BLE/NFC/Wireless Accessory 3,N69A
The control open in the co	Mobile printing capability	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; Roam ca		
put displayed by the company of the	Processor speed	1.2 GHz / Storage: Standard, 500 GB SED Hard Disk ¹ / Hard disk: Standard, 5	00 GB High-Performance SED Hard Disk (AES 256 hardware encryption or gre	ater)
part in the first part in Color American Control Contr	Duty cycle (monthly) ¹³ Paper handling	Letter:up to 200,000 pages; Recommended monthly page volume ¹³ : up to 4	40,000 pages	
Automate Estandard Sandard, 200 sheets Automate Estandard Sandard, 200 sheets Sandard, 20	input	(MP Tray: up to 100 sheets; Tray 2: up to 550 sheets) Standard; Up to 10	paper tray and stand; Up to 2300 sheets (MP Tray: up to 100 sheets; Tray 2 up to 550 sheets; 550-sheet paper tray: up to 550 sheets; 2x550-sheet	550 sheets; 2x550 input tray and stand: up to 1100 sheets) Standard; t 10 envelopes
Androstic Estandard Sandard, 2000 wheels Sandard 2000 wheels Page (sian) heavy, estan heavy, glossy, light, exyste, bugh), envelopes, ballet, glossy film, cordbod, transparencies 100 wheel furniturpors for any 1: 16 to 80 lb, 550-3 better input in yo 2: 16 to 80 lb, 1550 and 2550 tray and stand 2: 16 lb, 1550 and 2550 tray and stand 2: 16 lb, 1550 and 2550 tray and stand 2: 16 lb, 1550 and 2550 tray and stand 2: 16 lb, 1550 and 2550 tray and stand 2: 16 lb, 1550 and 2550 tray and stand 2: 16 lb, 1550 and 2550 tray and stand 2: 16 lb, 1550 and 2550 tray and stand 2: 16 lb, 1550 and 2550 tray and stand 2: 16 lb, 1550 and 2550 tray and stand 2: 16 lb, 1550 and 2550 tray and stand 2: 16 lb, 1550 and 2550 tray and stand 2: 17 lb, 2 lb, 150 tray and stand 2: 18 lb, 1550 and 2550 tray and stand 2: 18 l	Output	Standard: 500 sheet output tray; Up to 500 sheets Standard; Transparence	es: Up to 50 sheets; Up to 10 envelopes	Standard: 700 sheets: 500 sheet output tray and 200 sheet Inline 2 bin stapler/stacker (also includes convenience stapler); Up to 700 sheets Standard: Transparencies: Up to 50 sheets: Up to 10 envelopes
specify The property rays of the property of	Ouplex Options	Automatic (standard)		Standard, Transparationals op to 50 Streets, op to 10 Envelopes
transfer operatorys 2 2 Continue Heavy, extra heavy, glossy, light, recycle, tough), envelopes, label, glossy film, cardisols, transparencies 100 - sheet multipurpose Tay, 1 1 for 80 lb, 550 - sheet input 17ay 2, 1 for 80 lb, 550 - sheet input 17ay 2, 1 for 80 lb, 550 - sheet input 17ay 2, 1 for 80 lb, 550 - sheet input 17ay 2, 1 for 80 lb, 550 - sheet input 17ay 2, 1 for 80 lb, 550 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 50 any and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 1 for 80 lb, 250 of 32 so 10 and stand. 2 for 80 lb, 250 lb	apacity			
100-sheet multipurpose Tray 1.16 to 80 lb, 550-sheet input Tray 2.16 to 80 lb, 550-sheet input Tray 2.16 to 80 lb, 550-sheet input Tray 2.16 to 80 lb, 1550-sheet input Tray 2.16 to 80 lb, 1550	itandard paper trays	2	5	4
100-sheet multipurpose Tay 1: Statement, 3 x 5 index card, 4 x 6 index card, 14te, 14te, 14te, 14th, 15th, 1	,	100-sheet multipurpose Tray 1: 16 to 80 lb, 550-sheet input Tray 2: 16 to		100-sheet multipurpose Tray 1: 16 to 80 lb. 550-sheet input Tray 2: 16
edia sizes card. S. x Findex card. Letter Letter At Legal. Executive, 11 177. S. 20. The Control of S.	redia weigi it	2700-sheet HCl paper tray and stand: 16 to 68 lb		68 lb, 2x550 tray and stand: 16 to 68 lb
ted Sizes Custom Say S B 10 12.6 x 19 in Optional 2700 -sheet full purpose Tray 1: 2.5 x 5 to 12.6 x 18 in; 550-sheet input 1707 -2.5 x 5 x 18 in O.1 2.7 x 17 in; Optional 2700 -sheet multipurpose Tray 1: 2.5 x 5 to 12.6 x 18 in; 550-sheet input 1707 -2.5 x 5 x 18 in; 0.1 2.6 x 19 in; Optional 2700 -sheet full purpose Tray 1: 2.5 x 5 to 12.6 x 18 in; 550-sheet input 1707 -2.5 x 2.5 x 18 in; 0.1 2.6 x 18 in; 0.	Media sizes	card, 5 x 7 index card, 5 x 8 index card, Letter, Etter-R, Legal, Executive, 11 x 17 in; 8.5 x 13, 12 x 18, Envelopes: #9, #10, Monarch; 550-sheet input Tray 2: Letter, Letter-R, Legal, Executive, 8.5 x 13, 11 x 17 in; Optional 1x550 and 2x550 tray and stand: Letter, Letter-R, Legal, Executive, 8.5 x 13, 11 x 17 in; 12 x 18; Optional 2700-sheet HCl paper tray and stand:	Loard, S. x 7 index card, 5 x 8 index card, Letter, Letter-R, Legal, Executive, 11 x 17 in, 8.5 x 13, 12 x 18, Envelopes: #9, #10, Monarch; 550-sheet input Tray 2: Letter, Letter-R, Legal, Executive, 8.5 x 13, 11 x 17 in; 1x550 and 2x550 tray and stand: Letter, Letter-R, Legal, Executive, 8.5 x 13, 11 x 17 in,	100-sheet multipurpose Tray 1: Statement, 3 x 5 index card, 4 x 6 indec card, 5 x 7 index card, 5 x 8 index card, Letter, Letter-R, Legal, Executive x 17 in; 8.5 x 13, 12 x 18, Envelopes: #9, #10, Monarch; 550-sheet inpu. Tray 2: Letter, Letter-R, Legal, Executive, 8.5 x 13, 11 x 17 in; 72 x 18
imensions (w x x h) ⁴ 2303 x 6 10 x 27 95 in; Maximum: 45.26 x 26 10 x 27 95 in; Maximum: 45.26 x 25.51 x 45.47 in; Maxi	Media Sizes Custom	100 -sheet multipurpose Tray 1: 2.5 x 5 to 12.6 x 18 in; 550-sheet input Tray 2: 5.8 x 5.8 to 11.7 x 17 in; Optional 1x550 and 2x550 tray and stand:	Tray 2: 5.8 x 5.8 to 11.7 x 17 in; 1x550 and 2x550 tray and stand: 5.8 x 5.8	100 -sheet multipurpose Tray 1: 2.5 x 5 to 12.6 x 18 in; 550-sheet inpu Tray 2: 5.8 x 5.8 to 11.7 x 17 in; 2x550 tray and stand: 5.8 x 5.8 to 12.6
156.3 lb	Dimensions (w x d x h)4	x 8.27 to 11.7 x 8.5 in		27.76 x 28.03 x 45.47 in; Maximum: 45.28 x 35.51 x 45.47 in
Original Laser let Toner Cartridges (~13,000 pages each), and 4 HP Original Laser let Toner Cartridges (~13,000 pages each), and 4 HP Original Laser let Toner Cartridge (~13,000 pages each), and 4 HP Original Laser let Toner Cartridge (~13,000 pages each), and 4 HP Original Laser let Toner Cartridge (~13,000 pages). W2010 A HP 659A Black Laser let Toner Cartridge (~13,000 pages). W2010 A HP 659A Cyan Laser let Toner Cartridge (~13,000 pages).	Weight ⁵	156.3 lb	HP Color Laser let Enterprise Flow MEP M776z printer: HP Black Original	289.2 lb
Arranty features One-year, next-business day, or patient warranty. Warranty and support options any put product, country and local legal requirements. Conductant Vour Contractual Vendor or got to hpc.com/support to learn about HP award win and support options in your region. (Warranty Lod 4G; Warranty 10 A001) CECP; ENERGY STAR® qualified; EPEAT® Silver; ECEP Ontrol panel 9.0-inch functional touchscreen with 8.0-in (2.0.3 cm), (10.2-w768) LCD (color graphics), smooth gesture, enabled touchscreen Offware included No software solutions are included in the Box only on http://hp.com, http://hp.com/http://h	What's in the box ³	Original LaserJet Toner Cartridges (~13,000 pages each), and 4 HP Original LaserJet Imaging Drums (~65,000 pages each color); Getting started Guide; 1 Power cord	LaserJet Toner Cartridge (~16,000 pages), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~13,000 pages each), and 4 HP Original LaserJet Imaging Drums (~65,000 pages each color); Getting started Guide; 1 Power cord	Original Laser.Jet Toner Cartridges (~13,000 pages each), and 4 HP Orig Laser.Jet Imaging Drums (~65,000 pages each color); Getting started GL 1 Power cord
Arranty features One-year, next-business day, or patient warranty. Warranty and support options any put product, country and local legal requirements. Conductant Vour Contractual Vendor or got to hpc.com/support to learn about HP award win and support options in your region. (Warranty Lod 4G; Warranty 10 A001) CECP; ENERGY STAR® qualified; EPEAT® Silver; ECEP Ontrol panel 9.0-inch functional touchscreen with 8.0-in (2.0.3 cm), (10.2-w768) LCD (color graphics), smooth gesture, enabled touchscreen Offware included No software solutions are included in the Box only on http://hp.com, http://hp.com/http://h	Replacement cartridges ⁷	W2010A HP 659A Black LaserJet Toner Cartridge (~16,000 pages); W2011A LaserJet Toner Cartridge (~13,000 pages); W2010X HP 659X Black LaserJet	HP 659A Cyan Laser Jet Toner Cartridge (~13,000 pages); W2012A HP 659A \ Toner Cartridge (~34,000 pages); W2011X HP 659X Cyan Laser Jet Toner Cart	'ellow LaserJet Toner Cartridge (~13,000 pages); W2013A HP 659A Mager ridge (~29,000 pages); W2012X HP 659X Yellow LaserJet Toner Cartridge
nergy efficiency compliance 2 ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Gold (#201 option only) ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Gold (#201 option options only) 9.0-inch functional touchscreen with 8.0-in (20.3 cm), (1024x768) LCD (color graphics), smooth gesture, enabled touchscreen No software solutions are included in the Box only on http://hp.com, http://hz.2hp.com In Single State Stat	Warranty features	(~29,000 pages); W2013X HP 659X Magenta LaserJet Toner Cartridge (~29) One-year, next-business day, onsite warranty. Warranty and support options	,000 pages); w2004A HP 660A Original LaserJet Imaging Drum (~65,000 page	es, universal for all 4 colors)
9.0-inch functional touchscreen with 8.0-in (20.3 cm), (1024x768) LED (color graphic display, rotating (adjustable angle); job control buttons; LED Home button; Hardware Integration Pocket; easy access USB 9.0-inch functional touchscreen with 8.0 in (20.3 cm), (1024x768) LED (color graphics), smooth gesture, enabled touchscreen oftware included No software solutions are included in the Box only on http://lpz.ncm, http://lpz.ncm. 105 internal TrueType fronts scalable in HP PCL, Barcode font variants (Code 39, 12 of 5, UPC/ENA, Code 128, OCR-A/OCR-B), 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal t (Andale Mono WorldType); 2 internal Windows Vista 8 Fonts (Calibri, Cambria), additional tont solutions available with third-party flash memory cards; HP Laser let Fonts and IPDS Emulation available at hp.com/gorlaserie (Andale Mono WorldType); 2 internal Windows Vista 8 Fonts (Calibri, Cambria), additional tont solutions available with third-party flash memory cards; HP Laser let Fonts and IPDS Emulation available at hp.com/gorlaserie (Andale Mono WorldType); 2 internal Windows Vista 8 Fonts (Calibri, Cambria), additional tont solutions available with third-party flash memory cards; HP Laser let Fonts and IPDS Emulation available at hp.com/gorlaseries (Professor Cambria), and IPDS Emulation available at hp.com/gorlaseries (Professor Cambria), additional tont solutions available with third-party flash memory cards; HP Laser let Fonts and IPDS Emulation available at hp.com/gorlaseries (Professor Cambria), additional tont solutions available with third-party flash memory cards; HP Laser let Fonts and IPDS Emulation available at hp.com/gorlaseries (Professor Cambria), additional tont solutions available with third-party flash memory cards; HP Laser let Fonts and IPDS Emulation available and research for the Supported Operating Systems (Professor Cambria), additional tont solutions available with third-party flash memory cards; HP Laser let Fonts and IPDS Emulation (Pr	Energy efficiency compliance			ENERGY STAR® qualified; EPEAT® Silver; CECP; EPEAT® Gold (#AAZ, #20 options only)
onts and typefaces Internal True Type forts scalable in the Box only on http://hp.com, http://123.hp.com Internal True Type forts scalable in the PCL. Barrode fort variants (Code 39, 12 of 5, UPC/ENA, Code 128, OCR-A/OCR-B), 92 internal scalable fonts in HP Postscript level 3 emulation (Euro symbol built-in); 1 internal Candial Mono World Type); 2, Internal Windows Vista 8 Forts (Calibrit, Cambrial), additional font solutions available via third-party flash memory cards; HP Laser let Forts and IPDS Emulation available at the composition of the Calibrit Cambridge (Calibrit, Cambrial), additional font solutions available via third-party flash memory cards; HP Laser let Forts and IPDS Emulation available at the composition of the Calibrit Ca	Control panel	9.0-inch functional touchscreen with 8.0-in (20.3 cm) color graphic display,	rotating (adjustable angle); job control buttons; LED Home button; Hardware In	
(Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional tont solutions available via third-party flash memory cards; HP Laser let Fonts and IPDS Emulation available at hpc.morg/alseries with windows Client of \$12/64 bit; Win 10, Winst. 1, Win 7 Starter Edition SP1, UPD VILI Ultimate; Mobile OS: 105, Another Client (Sp16) and PDE Part (Sp16) and PDE Part (Sp16) and Sp16) and Sp16 an	isplay oftware included	No software solutions are included in the Box only on http://hp.com, http://	123.hp.com	
PCL6 Printer Driver: For more information on the supported operating systems go to http://support.hp.com, Enter you product name and search, Click on User Guides and enter your product name and search (Click on User Guides and enter your product name and search (Click on User Guides and enter your product name and search (Click on User Guides and enter your product name and search (Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) User Guide, Search for the Supported Operating Systems, See thirty-//www.hp.com/go/upd Windows Server 2008 R2 64-bit: Windows Server 2008 R2 64-bit: Windows Server 2012 R2 64-bit, Windows Server 2016 R2; Terminal server Product Product Name) User Guide, Search for Your (Product Name) User Guide, Search for Word (Printser Product) (Stater 2012 R2; Terminal server) 2018 R2; Terminal server 2008 R2; Remote Desktop server 2018 R2; Terminal server 2008 R2; Remote Desktop server 2018 R2; Terminal server 2008 R2; Remote Desktop server 2018 R2; Terminal server 2008 R2; Remote Desktop server 2018 R2; Terminal server 2008 R2; Remote Desktop server 2018 R2; Terminal server 2008 R2; Remote Desktop server 2018 R2; Terminal server 2008 R2; Remote Desktop server 2018 R2; Terminal server 2008 R2; Remote Desktop server 2018 R2; Terminal server 2008 R2; Remote Desktop server 2018 R2; Terminal Server 2008 R2; Remote Desktop R2; Terminal Serve	onts and typefaces	(Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria Windows Client OS (32/64 bit): Win10 Win8 1 Win7 Starter Edition SP1 LIP	a); additional font solutions available via third-party flash memory cards; HP L: D. Win7 Ultimate: Mohile OS: iOS. Android: Apple® macOS High Sierra v10.13. At	aserJet Fonts and IPDS Emulation available at hp.com/go/laserjetfonts onle® macOS Mojave v10.14. Mac: Apple® macOS Catalina v10.15: Discret
Cluster 2012 R2; Terminal server 2008 R2; Remote Desktop server 7.12 R2; Citrix Server 6.5; Citrix XenApp & XenDesktop 7.6; Novell Pinit server; "Citrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Citrix.com; Liunus For more information see http://licrix Ready Citrix.com; Liunus For more information see http://licrix Ready Citrix.com; Liunus For more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix Ready Kit Certification: Up to Citrix Server 7.18 for more information see http://licrix.com/pic/Licrix.com/	Compatible operating systems	PCL6 Printer Driver: For more information on the supported operating syste for your (Product Name) User Guide, Search for the Supported Operating Sy- name and search, Click on User Guides and enter your product name and se Supported Operating systems, For more information on the supported oper	ms go to http://support.hp.com, Enter your product name and search, Click on stems section; UPD PCL6 / PS Printer Drivers: For more information on the sup arch for User Guide, Search for your (Product Name) User Guide, Search for the ating systems see http://www.hp.com/go/upd	. User Guides and enter your product name and search for User Guide, Sea ported operating systems go to http://support.hp.com, Enter your product Supported Operating Systems section, UPD PCL6 / PS Printer Drivers,
Mac 2 GB available hard drivé space, Internet connection or USB port, OS hardware requirements see apple.com Power supply type: Internal (Built-in) power supply; Power supply required: 110-voit input voltage; 110 to 127 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt input voltage; 220 to 240 VAC (+/-10%), 50 Hz (+/-3 Hz); 220-volt inp	Compatible network operating systems	Cluster 2012 R2; Terminal server 2008 R2; Remote Desktop server 2012 R2 http://clirkready.clirk.com; Linux-For more information see http://develope http://developers.hp.com/hp-linux-imaging-and-printing; Unix: For more in http://support.hp.com, Enter your product name and search, Click on User G section, UPD PCL6 / PS Printer Drivers; Supported Operating systems: For m	; Citrix Server 6.5; Citrix XenApp & XenDesktop 7.6; Novell IPinit server; "Citrix Str.p.com/hp-linux-imaging-and-printing Jinix: For more information set intromation set into a company of the printer Drive uides and enter your product name and search for Journal of the Search for your or information on the supported operating systems see www.hp.com/go/up	Ready. Kit Certification: Up to Citrix Server 7.18 for more information see p://hp.com/go/unixmodelscripts; Linux; For more information see prs: For more information on the supported operating systems go to (Product Name) User Guide, Search for the Supported Operating System:
coustics Acoustic power emissions: 6.7 B(A) (printing at 46 ppm) Acoustic power emissions: 6.7 B(A) (printing at 46 ppm) Acoustic power emissions: 6.9 B(A) (printing at 46 ppm) perating environment Operating temperature range: 50 to 90.5°F; Recommended operating temperature: 59 to 80.6°F; Storage temperature range: -4 to 104°F; Operating humidity range: 10 to 80% RH; Recommended operating humidity 70% RH Management security: SNMPV3. Web Services over port 7627. SSL/TLS TLS 1.0/1.1/1.2. FIPS 140-2. Certificate Management. Embedded Web Server. WPA2-Enterprise, 802.1X authentication (EAP- PEAP EAP-TLS). IPse	Minimum system requirements	PC:2 GB available hard disk space, Internet connection, USB port, Internet br Mac: 2 GB available hard drive space, Internet connection or USB port, OS ha	owser. For additional OS hardware requirements see microsoft.com; rdware requirements see apple.com	
coustics Acoustic power emissions: 6.7 B(A) (printing at 46 ppm) Acoustic power emissions: 6.7 B(A) (printing at 46 ppm) Acoustic power emissions: 6.9 B(A) (printing at 46 ppm) perating environment Operating temperature range: 50 to 90.5°F; Recommended operating temperature: 59 to 80.6°F; Storage temperature range: -4 to 104°F; Operating humidity range: 10 to 80% RH; Recommended operating humidity 70% RH Management security: SNMPV3. Web Services over port 7627. SSL/TLS TLS 1.0/1.1/1.2. FIPS 140-2. Certificate Management. Embedded Web Server. WPA2-Enterprise, 802.1X authentication (EAP- PEAP EAP-TLS). IPse	Power ¹⁴	Power supply type: Internal (Built-in) power supply; Power supply required: Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # (0ff) (10 minute) (10 m	110-volt input voltage: 110 to 127 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/-) ption code identifier); Power consumption ⁶ : 900 watts (printing), 100 watts (I WILD (MEA)	3 Hz); 22 <mark>0-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/-3 Hz),</mark> Ready), 0.8 watts (Sleep), 0.8 watts (HP Auto-Off/Auto On), 0.07 watts (Au
70% RH Management security: SNMPv3. Web Services over port 7627. SSL/TLS TLS 1.0/1.1/1.2. FIPS 140-2. Certificate Management. Embedded Web Server. WPA2-Enterprise. 802.1X authentication (EAP-PEAP EAP-TLS). IPse	Acoustics	Acoustic power emissions: 6.7 B(A) (printing at 46 ppm)	Acoustic power emissions: 6.7 B(A) (printing at 46 ppm)	Acoustic power emissions: 6.9 B(A) (printing at 46 ppm)
Management security: SNMPv3, Web Services over port 7627, SSL/TLS TLS 1.0/1.1/1.2, FIPS 140-2, Certificate Management, Embedded Web Server, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPsec Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	Operating environment	70% RH		
	Security management	Management security: SNMPv3, Web Services over port 7627, SSL/TLS TLS Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Su	1.U/1.1/1.2, FIPS 140-2, Lertificate Management, Embedded Web Server, WPA pport for WJA-10 IPsec Configuration using IPsec Plug-in	Az-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPsec/Firewall

Data sheet I HP Color LaserJet Enterprise MFP M776 series

- ¹ Optional 500 GB TAA Version Secure Hard Disk Drive 5EL03A
- ² EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.

 ³ Standard cartridges included; yields 16,000 black and 13,000 color composite (C/M/Y) pages. Average black and color composite (C/M/Y) declared toner 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.
- 4 With no accessories and multi-purpose tray closed
- ⁵ With print cartridges
- 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. Power consumption values typically based on measurement of 115V device.
- Average black and color composite (C/M/Y) declared toner 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
- ⁸ First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183 Duplex Copy Speed measured using ISO/IEC 24735 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 and document complexity.
- ⁹ The Configuration Page memory size report does not change even with 1 GB or 2 GB DIMM installed. This is current expected behavior
- 10 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
- 11 Measured using ISO 24734 Feature Test A5 Landscape Feed. Speed may vary based on content PC media orientation and media type.
- 12 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.
- 13 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 Jet or HP Color Laser Jet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

 14 BA TEC is equal to Best TEC. 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 Version 3.0
- TEC is not comparable to Energy Star Version 2.0 TEC values or BA TEC values. BA uses Energy Star Version 2.0 TEC. Energy Star value typically based on measurement of 115V device.
- 15 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution network conditions computer performance and application software







LaserJet Enterprise 700 M712 printer series M712n • M712dn • M712xh

Enable high-volume, black-and-white printing on paper sizes up to A3—with input capacity up to 4600 sheets.² Control costs with energy-saving features and two-sided printing.⁸ Protect sensitive business data and centrally manage printing policies.

Print speed (black):1 Up to 40 ppm (Letter)

Print resolution: Best: Up to 1200 x 1200 dpi; Normal: HP FastRes 1200 (1200 dpi effective quality), 600 dpi with HP Resolution Enhancement technology 1200

Base-T, 1 Hi-Speed USB 2.0 Easy Access Walkup Port, 1 Hardware Integration Pocket (HIP)

Standard connectivity: 2 Hi-Speed USB 2.0, 1 Hi-Speed USB 2.0 Device, 1 Gigabit Ethernet 10/100/1000

Duty cycle: Up to 100,000 pages

Paper handling: 100-sheet multipurpose tray, 2 x 250-sheet input trays, 500-sheet input tray (only on

M712xh), 250-sheet output bin

Mobile printing capability: HP ePrint, Apple AirPrint™



(HP LaserJet Enterprise 700 Printer M712xh)

(HP LaserJet Enterprise 700 Printer M712n)

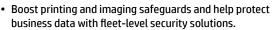
Upsize and accelerate—fast A3 printing

- Save time and keep business moving with blazing-fast printing from this black-and-white A3 workgroup printer.
- Expand black-and-white printing options on paper sizes up to A3 and near edge-to-edge printing.
- Boost productivity—reload paper less often with up to 4600-sheet capacity for high-volume printing.²
- Replace toner cartridges easily. Choose high-capacity Original HP toner cartridges for frequent printing.³

Conserve resources and help control costs

- Save energy—Auto On/Auto Off turns your printer on when you need it, and off when you don't.9
- Reduce paper use up to 50% with automatic two-sided printing⁸ on this ENERGY STAR[®] qualified printer.
- Original HP toner cartridges are easily recycled—for free—through HP Planet Partners.⁴

Simplify IT management and safeguard data



- Safeguard confidential data stored on the printer, with the installed HP High-Performance Secure Hard Disk.⁵
- Centralize printer management—HP Web Jetadmin helps you monitor equipment and increase uptime.
- Add security solutions—such as card and badge readers through the hardware integration pocket.⁷

Invest in a forward-thinking, easy-to-use solution

- Extend the value of your investment—easily update and expand device capabilities with HP FutureSmart Firmware.
- HP ePrint—print from your smartphone or tablet from virtually anywhere.⁶
- Manage jobs at the color control panel. The easy-access USB port lets you print from a flash drive.

ecohighlights

HP LaserJet Enterprise 700 M712 printer series

ECO INFORMATION

- Save energy—HP Auto-On/Auto-Off Technology turns the printer On when you need it, Off when you don't.¹
- Save paper by up to 50% with automatic two-sided printing.³
- Free, convenient cartridge recycling in more than 50 countries.²



ENERGY STAR® Qualified Product3

- HP Auto-On and Auto-Off capabilities subject to printer and settings.
- ⁷ Program availability varies. Original HP Cartridge return and recycling is currently available in more than 50 countries, territories and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit: https://doi.org/10.1007/j.com/recycle.
- ³ dn and xh bundles only.

hp.com/ecosolutions

Please recycle your computing hardware and printing supplies. HP asset management and recycling services make responsible disposal easy.





(HP LaserJet Enterprise 700

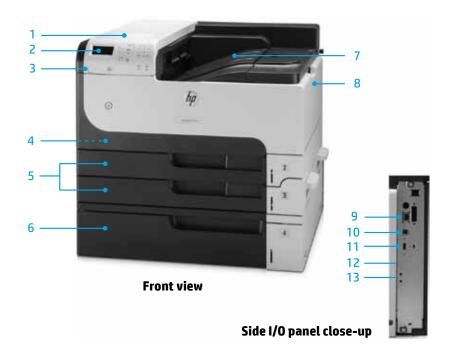
Printer M712dn)



HP LaserJet Enterprise 700 M712 printer series

- 1 Hardware integration pocket for solution integration
- 2 Intuitive 4-line color display with 10-button keypad
- 3 Easy-access USB port to save and print files directly
- 4 Built-in automatic two-sided printing
- 5 Two 250-sheet input trays for letter and legal size media
- 6 500-sheet input tray for a 1,100 total input capacity
- 7 250-sheet output bin
- 8 100-sheet multipurpose tray 1 handles heavy custom media up to 53 lb bond
- 9 HP Jetdirect Gigabit Ethernet print server
- 10 Hi-Speed USB 2.0 printing port
- 11 Hi Speed USB 2.0 port (for connecting third party devices)
- 12 800 MHz processor, 512 MB standard memory
- 13 HP High Performance Secure Hard Disk

HP LaserJet Enterprise 700 M712xh printer shown



Series at a glance







	M712n	M712dn	M712xh
Part number	CF235A	CF236A	CF238A
Print speeds	Up to 40 ppm (letter)	Up to 40 ppm (letter)	Up to 40 ppm (letter)
Control panel	4-line color display, 10 key pad	4-line color display, 10 key pad	4-line color display, 10 key pad
Hardware integration pocket	✓	✓	✓
100-sheet multipurpose tray 1	✓	✓	✓
250-sheet tray 2	✓	✓	✓
250-sheet tray 3	✓	✓	✓
500-sheet tray 4	Optional	Optional	✓
Automatic two-sided printing	Optional	✓	✓
Toner cartridges supported	Regular (~10,000 pages) and high-capacity (~17,500 pages)	Regular and high capacity	Regular and high capacity
HP High Performance Secure Hard Disk	Not available	Not available	✓
ENERGY STAR® qualified	Not available	✓	✓

Top features

Get fast black-and-white printing up to A3—with energy-saving features and security controls.

Boost your productivity and potential with fast, black-and-white A3 printing and input paper capacity up to 4600 sheets. Expand your workteam's options with two-sided printing nearly to the edge of the page.

Save energy and help keep printing costs in check. Auto On/Auto Off and Instant-on Technology help conserve energy,^{4, 5} and automatic two-sided printing reduces paper use.³ Management tools help optimize printing efficiency across your workteam.

Robust security features safeguard sensitive data. Award-winning management tools such as HP Web Jetadmin help optimize companywide printing policies and trim operating costs. 6 Centrally manage security policies, and update solutions.

Deploy new solutions and update device features with ease. Print from mobile devices with HP ePrint.² Robust management tools help optimize fleet-wide printing policies and trim operating costs.

Get the most out of your printer with HP accessories, supplies, and services.

HP services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. Choose from:

Optimized Care (optimum performance and stability):

4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime)

Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support) Next Business Day Onsite Support

4 hr Onsite Support: Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support: Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service: Onsite replacement of your printer's maintenance kit including parts, materials, and labor

Installation with Network Configuration Service: Assembly, network configuration, and basic administrator familiarization

For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices

Printers

HP LaserJet Enterprise 700 Printer M712n	CF235A
HP LaserJet Enterprise 700 Printer M712dn	CF236A
HP LaserJet Enterprise 700 Printer M712xh	CF238A

HP LaserJet print cartridges

HP 14A Black LaserJet Toner Cartridge (~10,000 yield)	CF214A
HP 14X Black LaserJet Toner Cartridge (~17,500 yield)	CF214X

Accessories

HP LaserJet 3500-sheet HCI Feeder and Stand	CF245A
HP LaserJet Duplex Printing Assembly	CF240A
HP LaserJet 110V Maintenance/Fuser Kit	CF249A
HP LaserJet 220V Maintenance/Fuser Kit	CF254A
HP 512 MR 144-pip v32 DDR2 DIMM	CE4834

HP Service and support

HP	3-year Next Business Day + DMR LaserJet M712 HW Support	U6Z05E
HP	4-year Next Business Day + DMR LaserJet M712 HW Support	U6Z06E
HP	5-year Next Business Day + DMR LaserJet M712 HW Support	U6Z07E
HP	3-year 4 hour 9x5 LaserJet M712 HW Support	U6Y99E
HP	4-year 4 hour 9x5 LaserJet M712 HW Support	U6Z01E
HP	5-year 4 hour 9x5 LaserJet M712 HW Support	U6Z03E
HP	1-year Post Warranty 4 hour 9x5 LaserJet M712 Support	U6Z22PE
HP	1-year Post Warranty Next Business Day + DMR LaserJet M712 Support	U6Z24PE

Connectivity

HP Jetdirect 2700w USB Wireless Print Server J8026A

Paper

hp.com/go/paper

Software

HP Web Jetadmin: hp.com/go/wja
HP Universal Print Driver: hp.com/go/upd
HP Install Network Printer Wizard: hp.com/goinpw_sw

¹ The base paper capacity of the HP LaserJet Enterprise 700 printer M712n and M712dn is 600 sheets (2 x 250-sheet trays and one 100-sheet multipurpose tray). The base paper capacity of the HP LaserJet Enterprise 700 printer M712xh is 1100 sheets (2 x 250-sheet trays, 1 x 100-sheet multipurpose tray, and 1 x 500-sheet tray). With optional accessories, the maximum capacity is 4600 sheets. ² Requires an Internet connection to HP web-enabled printer and HP ePrint account registration (for a list of eligible printers, supported documents and image types and other HP ePrint details, see hp.com/go/eprintcenter). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. Some HP LaserJet printers may require firmware upgrades. ³ Automatic two-sided printing on the M712n requires purchase of optional duplex accessory. ⁴ HP Auto-On and Auto-Off capabilities subject to printer and settings. ⁵ Compared with products that use traditional fusing. ⁶ HP Web Jetadmin is free and can be downloaded at hp.com/go/webjetadmin.

HP LaserJet Enterprise 700 M712 printer series

Technical specifications	HP LaserJet Enterprise 700 Printer M712n (CF235A)	HP LaserJet Enterprise 700 Printer M712dn (CF236A)	HP LaserJet Enterprise 700 Printer M712xh (CF238A)		
Print speed¹	Bla	nck (normal, letter): Up to 40 ppm; Duplex (letter): Up to 26	ipm		
First page Out	Black (let	ter, ready): As fast as 10.5 sec; Black (letter, sleep): As fast	as 23.5 sec		
Print technology		Laser			
Print resolution	Black (best): Up to 1200 x 1200 dpi: Black (n	ormal): HP FastRes 1200 (1200 dpi effective quality), 600 dp	oi with HP Resolution Enhancement technology		
Print resolution technologies	Diata (Beby) op to 1200 x 1200 apij Diata (ii	HP ProRes 1200, HP FastRes 1200, HP REt, 600 dpi, 300 dpi	- -		
Printer Smart Software Features	HP ePrint, Apple AirPrint™, HP Aut	HP ePrint, Apple AirPrint™, HP Auto On/Auto Off technology, FutureSmart Firmware, Hardware Integration Pocket, Easy Access USB			
HP ePrint capability		Yes			
Mobile Printing capability		HP ePrint, Apple AirPrint™			
Control Panel	2-in 4-line LCD (color text and graphics); in	b control buttons; LED status indicators; 10-button keypad, F	Andware Integration Rocket: each access USB		
	z-iii, 4-tille LCD (cotol text allu graphics), jot	2.7	lationale integration Pocket, easy access 036		
Processor speed		800 MHz			
Display		2-in, 4-line LCD (color text and graphics)			
Memory		Standard: 512 MB; Maximum: 1 GB			
Durability ratings	Duty cycle: ² Up to	200,000 pages; Recommended monthly page volume: 5,0	00 to 20,000 pages		
Paper					
Input	100-sheet multipurpose tra	y, 2 x 250-sheet input trays	100-sheet multipurpose tray, 2 x 250-sheet input trays 500-sheet input tray		
Output		250-sheet output bin			
Duplex Print Options	Manual (driver support provided)	Automatio	c (standard)		
Media Types	Paper (color, letterhead, light, plain, prepri	nted, prepunched, recycled, rough, tough paper), bond, cards	tock, envelope, labels, transparency, vellum		
Media Sizes	Tray 1: Letter, legal, executive, 8.5 x 13 in, 11 x Tray 3: Letter, legal, execu		Tray 1: Letter, legal, executive, 8.5 x 13 in, 11 x 17 in; Tray 2: Letter, legal, executive, 8.5 x 13 in; Tray 3: letter, legal, executive, 8.5 x 13 in, 11 x 17 in; Tray 4: letter, letter-legal, executive, 8.5 x 13 in, 11 x 17 in, 16K		
Media Weight	Tray 1: 16 to 53 lb; 1	Fray 2, 3: 16 to 32 lb	Tray 1: 16 to 53 lb; Tray 2, 3, 4: 16 to 32 lb		
Connectivity	_	-			
Interfaces	2 Hi-Speed USB 2.0, 1 Hi-Speed USB 2.0 Device, 1 Giga	bit Ethernet 10/100/1000 Base-T, 1 Hi-Speed USB 2.0 Easy A	ccess Walkup Port, 1 Hardware Integration Pocket (HIP)		
Languages	HP PCI	L 6, HP PCL 5e, HP Postscript 3 emulation, native PDF printing	g (v 1.4)		
Network Capabilities	Via HP Jetdirect 10/100/1000Base-TX Ethernet 6	embedded print server (standard); 802.3az (EEE); IPsec (stan	dard); 802.11b/g/n wireless networking (optional)		
Network Ready		Standard (built-in Ethernet)			
Operating systems	Mac OS X v10.6, 10.7; For the latest operating system supp	dows XP (SP2+), Windows Server 2003 (SP1+), Windows Serv oort see: Citrix and Windows Terminal Services (http://www.hom/go/jetdirectunix_software); SAP device types (hp.com/go (hp.com/go/eprintmobiledriver)	np.com/go/upd); Novell (novell.com/iprint); Linux (hplip.ne		
Network protocols		4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 91 MPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS			
Security	Authentication, and K	terprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP ove terberos Authentication; Support for WJA-10 IPsec Configurat	tion using IPsec Plug-in		
Dimensions (w x d x h)	22.4 x 23.4 x 15.4 in (Maximum: 33.8 x 38.9 x 15	.4 in (858 x 989 x 392 mm)	22.4 x 23.4 x 20.4 in (568 x 596 x 517 mm) Maximum: 33.8 x 38.9 x 20.4 in (858 x 989 x 517 mm)		
Weight	76.5 lb (34.7 kg)	84.8 lb (38.5 kg)	109.8 lb (49.8 kg)		
Minimum system requirements		s Vista, Windows XP (SP2+), Windows Server 2003 (SP1+), W perating system compatible hardware system requirements			
What's in the box	HP LaserJet Enterprise 700 M712n Printer (includes built-in HP Jetdirect Gigabit Ethernet embedded print server); HP Black LaserJet Toner Cartridge ("-10,000 pages); Getting Started Guide, CD containing drivers and electronic documentation; Power cord	HP LaserJet Enterprise 700 M712dn Printer (includes built-in automatic two-sided printing and HP Jetdirect Gigabit Ethernet embedded print server); HP Black LaserJet Toner Cartridge (-10,000 pages); Getting Started Guide, CD containing drivers and electronic documentation; Power cord	HP LaserJet Enterprise 700 M712xh Printer (includes built-in automatic two-sided printing, HP Jetdirect Gigabit Ethernet embedded print server, and High-Performance Secure 250 GB Hard Disk); HP Black LaserJet Toner Cartridge (~10,000 pages); Getting Started Guide, CD containing drivers and electronic documentation; Power cord; 500-sheet input tray		

Environmental ranges

Humidity range

Operating: 50 to 91° F (10 to 32.5° C) Temperature range

Storage: 32 to 140° F (0 to 60° C) Operating: 20 to 80% RH

Recommended: 30 to 70% RH Non-operating: 10 to 90% RH

Acoustic⁴

Power Emissions Power Emissions (ready) Pressure Emissions Bystander (active, printing): Pressure Emissions Bystander (ready): Inaudible 54 dB(A)

Inaudible

Power Supply Type Power Supply required Power Consumption⁵

Typical Electricity Consumption (TEC)

Safety approvals and requirements

Electromagnetic emission standard

Built-in power supply

Dollitary Down - Supply Input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) 786 watts (Printing), 22.1 watts (Ready), 6.1 watts (Sleep), 0.21 watts (Off)

2.95 kWh/Week

IEC 60950-1:2005 +A1: EN60950-1: 2006 +A11:2009 +A1:2010 +A12:2011: IEC 60825-1:2007 (Class 1 Laser/Led Product); EN 60825-1:2007 (Class 1 Laser/LED Product); UL/cUL Listed (USA/Canada); GS Certificate (Germany, Europe); IEC 62479:2010; EN 62479:2010; Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries

CISPR 22:2008 / EN 55022:2010 (Class A); EN 61000-3-2:2006 +A1:2009

+A2:2009; EN 61000-3-3 :2008; EN 55024:1998 +A1 +A2; FCC Title 47 CFR, Part 15 Class A(USA); ICES-003, Issue 4 (Canada); EMC Directive 2004/108/EC with CE Marking (Europe); other EMC approvals as required by individual countries

Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp. com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. The state of the s



















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Data sheet

HP Color LaserJet Enterprise flow M880 Multifunction Printer series



Streamline and accelerate workflows across your business with a top-of-the-line enterprise MFP.

This top-of-the-line enterprise MFP helps streamline workflows and accelerate document tasks—with advanced finishing options and file sharing. Give users simple, direct access to this MFP through mobile printing and touch-to-print capabilities.



HP Color LaserJet Enterprise flow M880z Multifunction Printer



HP Color LaserJet Enterprise flow M880z+ NFC/Wireless Direct MFP Printer

Give workgroups the speed they need

- Let departments scan without worry. HP EveryPage detects potential errors or missed pages on the spot.
- Manage content in a way you never thought possible with HP Flow CM Enterprise.²
- Forget email. Let employees scan and send documents to Microsoft® SharePoint® in one step.
- Make it easy to be efficient with an intuitive touchscreen and large pull-out keyboard.

Keep business moving

- Save on both sides—capture documents faster with two-sided, single-pass scanning.
- Create easily searchable scanned files, using built-in optical character recognition software.
- Save IT time and make printing easy for the entire company by using a single driver for all HP devices.3
- Let employees bind big jobs faster using the built-in finishing options.5

Mobile printing—more efficient

- Mobile printing at a touch—enable touch-to-print convenience from mobile devices.
- Let employees print from mobile devices with built-in print capability or HP ePrint app and software.6
- Give users the power to print wirelessly from an iPad®, iPhone®, or iPod touch®.4

Invest once, expand easily, and manage efficiently

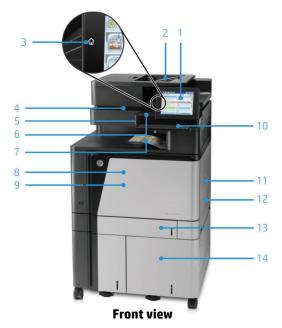
- Expand your options. Easily upgrade firmware on your schedule. Easily integrate solutions or devices at will.
- Help build business efficiency. Centrally monitor and control printers with HP Web Jetadmin.⁷
- Apply fleet-wide policies to help protect your HP devices with HP Imaging and Printing Security Center.8
- Confidently safeguard the sensitive data sent to your MFP with the HP High-Performance Secure Hard Disk.

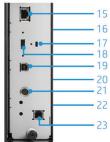
¹ Touch-to-print capability is standard in the HP Color Laser Jet Enterprise flow MFP M880z + D7P71A model, and may be added as an option to the HP Color Laser Jet Enterprise M880z + A2W75A and M880z A2W75A. Mobile device must support near-field communications-enabled printing, For a list of supported devices, see hp.com/go/mobileprinting ² HP Flow CM is not available in all tregions. Network connection is required to upload and download files. Additional software and licenses may be required. ³ The HP Universal Print Driver is free and available for download at hp.com/go/upd ⁴ Supports OS X Lion, OS X Mountain Lion, and the following devices running iOS 4.2 or later: iPad® (all models), iiPhone® (3GS or later), and iPod touch® (third generation or later). Works with HPS AiPrint-enabled printers and requires the printer be connected to the same network as your OS X or iOS device. Wireless performance is dependent on physical environment and distance from the access point. OS X, iPad, iPhone, and iPod touch are trademarks of Apple Inc., egistered in the United States and other countries. AirPrint® and the AirPrint logo are trademarks of Apple Inc., ⁵ Paper-handling options must be purchased separately, ⁶ Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to printer. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See hp.com/go/mobileprinting for more details. ⁷ HP Web Jetadmin is free and available for download at hp.com/go/mobileprinting for more details. ⁷ HP Web Jetadmin is free and available for download at hp.com/go/

Product walkaround

- Intuitive 8-inch (20.3 cm) HP Easy Select pivoting color touchscreen control panel
- 2. 200-sheet automatic document feeder with single pass two-sided scanning, and HP EveryPage with ultrasonic double-feed detection
- 3. Home button (returns to home screen)
- 4. Plate glass color scanner handles sizes up to 11 x 17 in/A3
- 5. Easy-access USB port to save and print files directly
- 6. Hardware integration pocket for solution integration¹
- 7. 500-sheet output bin
- 8. Front door provides convenient access to HP toner cartridges and drums
- 9. Built-in automatic two-sided printing
- 10. Retractable keyboard for easy, accurate data entry
- 11. 100-sheet multipurpose tray 1 handles heavy custom media up to 58 lb bond (220 g/m²)
- 12. Right-side doors provide access to the fuser and for clearing jams
- 13. 500-sheet input tray supports media up to size 11 \times 17 in/A3
- 14. 3,500-sheet high-capacity input tray supports media sizes letter/A4
- 15. HP Jetdirect Gigabit Ethernet print server
- 16. HP High-Performance Secure Hard Disk
- 17. Access port for optional Kensington-style lock
- 18. Hi-Speed USB 2.0 port (for connecting third-party devices)
- 19. Hi-Speed USB 2.0 printing port
- 20.800 MHz processor, 1.5 GB RAM
- 21. Foreign interface harness (for connecting external devices)
- 22. Two internal host USB 2.0 type ports for third party solutions
- 23. RJ-11 fax port

HP Color LaserJet Enterprise flow M880z+ NFC/Wireless Direct MFP Printer





Close-up of I/O ports

Series at a glance







Model	HP Color LaserJet Enterprise flow M880z	HP Color LaserJet Enterprise flow M880z+	
	Multifunction Printer	NFC/Wireless Direct MFP Printer	
Part number	A2W75A	D7P71A	
100-sheet multipurpose tray 1	Yes	Yes	
500-sheet tray 2	Yes	Yes	
3 x 500 sheet input trays	Yes	Not available	
3,500-sheet HCI	Not available	Yes	
Touch-to-print, wireless direct mobile	printing Optional	Yes	

¹Solutions deployed through the hardware integration pocket may require additional purchase.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Optimized Care (optimum performance and stability):

4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime):

Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Basic Care (minimum recommended support):

Next Business Day Onsite Support

For care pack availability visit: hp.com/go/cpc

Energy STAR











Top features

Accelerate business workflows and easily connect users throughout your office. Share documents without delay, using flexible send-to options. Complete big jobs fast, thanks to versatile paper-handling tools.

Boost productivity and avoid delays. Employees can scan two-sided documents in one pass and add professional finishing touches with minimal effort.

Eliminate the wires and complications from mobile printing. Enable easy printing from smartphones, tablets, and laptops at work, home, or on the go. Give users simple access through wireless direct printing and touch-to-print technology.^{1,6}

Help protect your printer investment and manage printing across the enterprise. Easily upgrade and add capabilities as your needs change. Manage the printing fleet from a single location. Expect high efficiency for the long term.

Accessories A2W80A A2W84A C1N63A F5S62A J8029A	HP LaserJet Stapler/Stacker HP LaserJet Booklet Maker/Finisher with 2/3 hole punch HP LaserJet 3x500-sheet Paper Feeder and Stand HP Trusted Platform Module Accessory HP Jetdirect 2800w NFC/Wireless Direct Accessory
Supplies	
C1N54A	HP LaserJet C1N54A 110V Maintenance Kit
C1N58A	HP LaserJet C1N58A 220V Maintenance Kit
C1P70A	HP LaserJet ADF Roller Replacement Kit
CF300A	HP 827A Black Original LaserJet Toner Cartridge
CF301A	HP 827A Cyan Original LaserJet Toner Cartridge
CF302A	HP 827A Yellow Original LaserJet Toner Cartridge
CF303A	HP 827A Magenta Original LaserJet Toner Cartridge
CF358A	HP 828A Black LaserJet Image Drum
CF359A	HP 828A Cyan LaserJet Image Drum
CF364A	HP 828A Yellow LaserJet Image Drum
CF365A	HP 828A Magenta LaserJet Image Drum
D7H14A	HP LaserJet D7H14A Transfer and Roller Kit

Services

HP Color LaserJet Enterprise flow M880 Multifunction Printer series

U8D23E - HP 3 year Nbd + DMR CLJ M880 MFP Support U8D24E - HP 4 year Nbd + DMR CLJ M880 MFP Support U8D25E - HP 5 year Nbd + DMR CLJ M880 MFP Support U8D17E - HP 3 year 4h 9x5 CLJ M880 MFP HW Support U8D19E - HP 4 year 4h 9x5 CLJ M880 MFP HW Support U8D21E - HP 5 year 4h 9x5 CLJ M880 MFP HW Support U8D42PE - HP 1 year PW Nbd + DMR CLJM 880 MFP Support U8D40PE - HP 1 year PW 4h 9x5 CLJ M880 MFP Support

¹ Touch-to-print capability is standard in the HP Color Laser Jet Enterprise flow MFP M880z+ 0.7P71A model, and may be added as an option to the HP Color Laser Jet Enterprise M880z + A2W76A and M880z A2W75A. Mobile device must support near-field communications-enabled printing. For a list of supported devices, see hp.com/go/mobile/printing ⁶Local printing requires an mobile device and printer to be on the same network or have a direct wireless connection to printer. Wireless performance is dependent on physical environment and distant form access point. Wireless operations are compatible with 2.4 GHz operations only. Remote be-connected printing requires an internet connection to nat HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See hp.com/go/mobileprinting for more details.

HP Color LaserJet Enterprise flow M880 Multifunction Printer series

Technical Specifications	HP Color LaserJet Enterprise flow M880z Multifunction Printer(A2W75A)	HP Color LaserJet Enterprise flow M880z+ NFC/Wireless Direct MFP Printer(D7P71A)
AIO functions	-	nultitasking supported: Yes
Print speed		Out Black: As fast as 11 sec; First Page Out Color: As fast as 11 sec
Print resolution	Black (best): Up to 1200 x 1200 d	pi; Color (best): Up to 1200 x 1200 dpi
Print Technology	Laser; Print Resolution Technologies: HP ImageREt 4800; HP FastRes 1200 (120	00 dpi quality), 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); Pantone© Calibrated
Print Cartridges Number	4 (1 each Cyan, M	lagenta, Yellow, Black)
Standard Print Languages	HP PCL 6, HP PCL 5, HP pc	ostscript level 3 emulation, PDF
Printer Smart Software Features	HP ePrint, Apple AirPrint™, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On	/Auto-Off Technology, HP Easy Color, Pantone© Calibrated, print preview, duplex, print multiple pages per sheet (2, 4
	9, 16), collation, watermarks, store print jobs, job	separator, staple, offset, booklet making, hole punch
Printer Management	HP Web Jetadr	min; HP Utility (Mac)
Scan Type / Technology	Type: Flatbed, ADF; Technol	ogy: Charge Coupled Device (CCD)
Scan Resolution	Hardware: Up to 600 x 6	00 dpi; Optical: Up to 600 dpi
Scan File Format	Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OC	R), 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)
Scan Input Modes	Copy, scan-to-email, scan to netv	vork folder, scan to USB, save to device
Scan Size		2.7 in Minimum; Flatbed: 11.7 x 17 in
Scan Speed Up to 70 ppm (b&w), up to 68 ppm (color) Duplex : Up to 85		
Scanner Advanced Features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 c	dpi; Auto detect color; Edge erase; Auto tone; Auto job notification; Blank page suppression; Auto orientation; Auto pag
	crop; H	P Quick Sets
Bit depth / Grayscale levels	24-	bit / 256
Digital Sending Standard Features	Scan to e-mail; Save-to-Network Folder; Scan to SharePoint; Save-to-USB drive; Sen	d to FTP; Send to LAN Fax; Send to Internet Fax; OCR; Local Address Book; SMTP over SSL
Copy Speed	Black (letter): Up to 45 cpm	; Color (letter): Up to 45 cpm ²
Copy Resolution	Black (text and Graphics): Up to 600 x 600 dp	i; Color (text and Graphics): Up to 600 x 600 dpi
Maximum Number of Copies	Up to 95	999 copies
Copier Resize	25 to	400%
Copier Settings	Sides; Collate; Paper Selection; Color/Black; Redu	ce/Enlarge; Image Adjustment; Content Orientation
Fax Speed	Up to: 33.6 kbps; L o	etter: 3 sec per page ³
Fax Resolution	Black (best): Up to 300 x 300 dp	oi; Black (standard): 100 × 100 dpi
	Stored faxes; fax archiving; fax forwarding; scale-to-fit; fax address l	pook; LAN/Internet fax; fax number confirmation; Holiday fax schedule
Fax Smart Software Features Fax Features	Interface Supported: No; Fax Polling Supported: No; Fax Telephone Mode Supported: No; Junk Barrier Suppo	Delayed Sending: No; Distinctive Ring Detection Supported: Yes; Fax Forwarding Supported: Yes; Fax Phone TA tred: Yes, as blocked fax numbers; Maximum Speed Dialing Numbers: Up to 100 (each can contain 100 numbers); I al Capability Supported: No; Telephone Handset Supported: No
Standard Connectivity		letwork; 1 Foreign Interface; 1 Hardware Integration Pocket (HIP); 2 Internal USB Host; 1 Fax
Network Capabilities		Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-
	802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11b/g/n wireless networking (optional); Touch to Print and Wireless Direct (optional). Please note: HP Jetdirect 2800W (J8029A) and HP Jetdirect 2700W (J8029A) and HP Jetdirect 2700W (J8026A) accessories cannot be installed at the same time.	802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11b/g/n wireless networking (optional, Please note: HP Jetdirect 2800W (J8029A) and HP Jetdirect 2700W (J8026A) accessories cannot be installed at the same time.
Network Ready	Standard (built-in Gigabit Ethernet)	Standard (built-in Gigabit Ethernet); Included Touch to Print and Wireless Direct
Wireless Capability	Optional, enabled with purchase of a hardware accessory	Yes, NFC/Wireless
Mobile Printing Capability		Apps; HP Wireless Direct printing (optional) ⁴
Memory/Processor Speed		Maximum: 2.5 GB (system memory) / 800 MHz
Duty Cycle		nthly Page Volume: 5000 to 25,000 (print); 26,750 to 44,600 (scan)
	glossy paper, glossy film, photo media, tough paper, envelopes; Media Weight Supported: Tray 1, 2: 16 to 58 lb; 8.5 x 13, 12 x 18, Statement, 4 x 6 Index card, 5 x 7 Index card, 5 x 8 Index card, 3 x 5 Index card, Envelopes: #9, £ Executive, Ledger (11 x 17), 8.5 x 13, 12 x 18; D7P71a: Tray 1: Letter, Letter-R, Legal, Executive, 11 x 17, 8.5	andard Paper Trays: S. (A2W7SA); 4 (D7P71A); Media Types Supported: Cut sheet paper, labels, transparencies, Tray 3, 4: 16 to 32 b; Media Sizes Supported: A2W7SA: Tray 1: Letter, Letter-R. Legal, Executive, Ledger (11 x 17), #10, Monarch; Tray 2: Letter, Letter-R, Legal, Executive, Ledger (11 x 17), 8.5 x 13; Trays 3+: Letter, Letter-R, Legal, x 13, 12x18, Statement, 4 x 6 index card, 5 x 7 index card, 5 x 8 lindex card, 3 x 5 index card, Envelopes: #9, #10, x Custom: Tray 1: 3 x 5 to 12.6 x 18 in; Tray 2: 5.8: x 8.3 to 11.7 x 17 in; Trays 3-5: 5.8 x 8.3 to 12.6 x 18 in
Product Dimensions		Maximum: 39.4 x 31.5 x 47.2 in
Product Weight	332 lb	337 lb
What's in the box	(Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); 100-sheet multipur	ugenta, and Yellow HP Color LaserJet Toner Cartridges; CD with software drivers and documentation; Documentation pose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in); Encrypted Hard Drive: 3 x 500-sheet paper input 07P71A); Fax; Fax cable; D7P71A: NFC/direct print kit
Warranty Features	One-year, next-busing	ess day, onsite warranty
Energy Efficiency Compliance	ENERGY STAR® q	ualified; Blue Angel
Control Panel	8.0-in (20.3 cm) color LCD with Capacitive touchscreen; rotating (adjustable angle) display; illuminated Ca	spacitive Home button (for quick return to the Home menu); Easy Access USB; Hardware Integration Pocket
Display Description	8" SVGA 800 x 600 dpi resolution capacitive-touch	display with gesture support and extended keyboard
Software Included	HP PCL 6 Discrete Printer Driver; Mac SW L	ink to Web (Mac Installer); Windows Installer
Fonts and Typefaces		mbol built-in); 1 internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria
	additional font solutions available via third-party flash memory cards; H	P Laser Jet Fonts and IPDS Emulation available at hp.com/go/laserjetfonts
Compatible Operating Systems	Windows Server 2003 (SP1 or higher) (32-bit/64-bit), Mac OS X version 10.6.8, 10.7.5 Lion, 10.8 Mountain Lion. For Windows Terminal Services (hp.com/go/upd); HP ePrint Software Driver (hp.com/go/eprintsoftware); Linux (hplij	i2-bit/64-bit), Windows Server 2012 (64-bit), Windows Server 2008 (32-bit/64-bit), Windows Server 2008 R2 (64-bit the latest operating system support see: Air Print (support.apple.com/kb/ht4356); Android (android.com/); Citríx anc p.net); Novell (novell.com/iprint); SAP device types (hp.com/go/sap/drivers); SAP Print (hp.com/go/sap/print); UNIX hp.com/go/jetdirectunix_software) ⁶
Compatible Network Operating	Windows 8.1 (32-bit/64-bit); Windows 8 Basic (32-bit/64-bit); Windows 8 Pro (32-bit/64-bit); Windows 8 Enter	rprise (32-bit/64-bit); Windows 8 Enterprise N (32-bit/64-bit); Windows 8 Enterprise RT (32-bit only); Windows 7
Systems	(32-bit/64-bit) (Including Starter Edition); Windows Vista (32-bit) (Including Starter Edition); Windows Vista (64-bit) support); Windows Server Win/72008 R2 (S12-bit/64-bit) (Standard Edition); Windows Server 2008 (Standard Edition); Windows Server 2008 (Server Termial Server 2008 Server Termial Server 2008 (Server Termial Server 2003 (32-bit/64-bit) (SP1); Windows Server 2003 (SP1); Windows Server 2003 (SP1); Windows Server 3003 (SP1); Windows	; Windows XP (SP2 or higher) (32-bit/64-bit); Windows Server 2012 R2; Windows Server 2012 (No Software Installer interprise Edition); Windows Server 2008 (32-bit/64-bit) (SP1); Windows Server 2008 (32-bit/64-bit) (SP2); Windows Server 2008 Server Terminal Services with Citrix XenApp; Windows Server 2003 Cisandard Edition); iit/64-bit) (SP2); Windows Server 2003 Cisandard Edition); Windows Server 2003 Serve 2003 Ser
	Metaframe Server; Red Hat Linux 7.x or higher; Solaris 2.5 or higher (SPARC systems only); SuSe Linux 8.x or higher	sta)
Minimum System Requirements	Metaframe Server; Red Hat Linux 7.x or higher; Solaris 2.5 or higher (SPARC systems only); SuSe Linux 8.x or higher (SPARC systems only); SuSe Linux 8.x or higher (Vi PC: Windows 8, Windows 7 (SP1 or higher), Windows Vista, Windows XP (SP2 or higher), Windows Server 2012 or higher), Hondows Server 2012 or higher), Windows Server 2012 or higher (SP2 or higher), Windows Server 2012 or higher), Windows Server 2012 or higher (SP2 or higher), Windows Server 2012 or higher (SP2 or higher), Windows Server 2012 or higher), Windows Server 2012 or higher (SP2 or higher), Windows Server 2012 or higher	sta) bit), Windows Server 2008; Windows Server 2003 (SP1 or higher), Windows Server 2008 R2 (64-bit); 200 MB availabl btwork connection (Operating system compatible hardware system requirements see microsoft.com); MAC: Mac OS X rnet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection (Operating system compatible
Minimum System Requirements	Metaframe Server; Red Hat Linux 7.x or higher; Solaris 2.5 or higher (SPARC systems only); SuSe Linux 8.x or higher (SP	sta) bit), Windows Server 2008; Windows Server 2003 (SP1 or higher), Windows Server 2008 R2 (64-bit); 200 MB available twork connection (Operating system compatible hardware system requirements see microsoft.com); MAC: Mac OS X rnet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection (Operating system compatible irements see apple.com)
	Metaframe Server; Red Hat Linux 7.x or higher; Solaris 2.5 or higher (SPARC systems only); SuSe Linux 8.x or high Vi PC: Windows 8, Windows 7 (SP1 or higher), Windows Vista, Windows XP (SP2 or higher), Windows Server 2012 (644 hard disk space; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or ne v10.6.8, OS X 10.7.5 Lion, OS X 10.8 Mountain Lion; 1 GB of available hard-disk space; CD-ROM or DVD drive, or Internet Connection; Dedicated Universal Serial bus (USB 1.1 or 2.0), or ne v10.6.8, OS X 10.7.5 Lion, OS X 10.8 Mountain Lion; 1 GB of available hard-disk space; CD-ROM or DVD drive, or Internet Connection; Dedicated Universal Serial bus (USB 1.1 or 2.0), or ne v10.6.8, OS X 10.7.5 Lion, OS X 10.8 Mountain Lion; 1 GB of available hard-disk space; CD-ROM or DVD drive, or Internet Connection; DVD d	sta) bit), Windows Server 2008; Windows Server 2003 (SP1 or higher), Windows Server 2008 R2 (64-bit); 200 MB availabl btwork connection (Operating system compatible hardware system requirements see microsoft.com); MAC: Mac OS X rnet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection (Operating system compatible
Power	Metaframe Server; Red Hat Linux 7.x or higher; Solaris 2.5 or higher (SPARC systems only); SuSe Linux 8.x or high VI PC: Windows 8, Windows 7 (SP1 or higher), Windows Vista, Windows XP (SP2 or higher), Windows Server 2012 (644 hard disk space; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or ne v10.6.8, OS X 10.7.5 Lion, OS X 10.8 Mountain Lion; 1 GB of available hard-disk space; CD-ROM or DVD drive, or Internet consultable hard-disk space; CD-ROM or DVD drive, or Internet Consultable hard-disk space; CD	sta) bit), Windows Server 2008; Windows Server 2003 (SP1 or higher), Windows Server 2008 R2 (64-bit); 200 MB available twork connection (Operating system compatible hardware system requirements see microsoft.com); MAC: Mac OS X met connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection (Operating system compatible irements see apple.com)), 60 Hz (+/- 2 Hz), 10.5 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 5.5 A (Not dual voltage) Printing), 1100 watts (Copying), 80 watts (Ready), 8.0 watts (Sleep), 1.2 watt (Auto-0ff), 0.4 watts (Off) ⁷
	Metaframe Server; Red Hat Linux 7.x or higher; Solaris 2.5 or higher (SPARC systems only); SuSe Linux 8.x or high VI PC: Windows 8, Windows 7 (SP1 or higher), Windows Vista, Windows XP (SP2 or higher), Windows Server 2012 (64-hard disk space; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or ne v10.6.8, OS X 10.7.5 Lion, OS X 10.8 Mountain Lion; 1 GB of available hard-disk space; CD-ROM or DVD drive, or Internet Consultation (SPA) (SP	sta) bit), Windows Server 2008; Windows Server 2003 (SP1 or higher), Windows Server 2008 R2 (64-bit); 200 MB availabl bit), Windows Server 2008 R2 (64-bit); 200 MB availabl bitwork connection (Operating system compatible hardware system requirements see microsoft.com); MAC: Mac OS X rinet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection (Operating system compatible irements see apple.com) i), 60 Hz (+/- 2 Hz), 10.5 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 5.5 A (Not dual voltage)

Measured using SO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ²First Copy Out and Copy Speed measured using SO/IEC 29183, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ²Based on standard resolution and MRR encoding, the HP Tax device can transmit at 3 exc/page for V.13 4nd 6 sec/page for V.13 4nd 6 sec

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HP Color LaserJet Enterprise M855 Printer series



Outstanding colour, great value

The HP Color LaserJet M855 gives your entire organization access to fast, simplified colour printing with professional finishing. Protect your investment – you can easily upgrade and add to this device's capabilities as your business needs evolve.







Print at a speed that meets your needs

- Boost productivity for everyone in your organization with fast colour printing on different media sizes up to SRA3.
- Equip employees to fly through tasks with the large 10.9cm (4.3 inch) touchscreen.
- Show your company's true colours get vibrant, consistent and affordable colour printing for every department.
- HP's on paper calibration technology helps provide even, consistent colour—from page to page, and on every printer.
- Give employees the tools to organise documents faster and more conveniently: Staple, stack, fold, and punch holes with the printer's optional finishing options¹.

Invest once, expand easily and manage efficiently

- Expand your options. Easily upgrade firmware on your schedule and integrate new solutions or devices with ease.
- Help build business efficiency. Centrally monitor and control printers with HP Web Jetadmin².
- Apply fleet-wide policies to help protect your HP devices with HP Imaging and Printing Security Center³.
- Confidently safeguard the sensitive data sent to the printer with the HP High-Performance Secure Hard Disk⁴.

Boost efficiency with mobile printing

- Give users simple, direct access to the printer through wireless direct printing^s.
- Get mobile printing at a touch with Near Field Communications (NFC): enable touch-to-print convenience from mobile devices⁶.
- Let employees print from mobile devices with built-in print capability or HP ePrint app and software.
- Give users the power to print wirelessly from an iPad®, iPhone® or iPod touch® using AirPrint™s.

Product walkaround

- 1. Intuitive 10.9 cm colour touchscreen control panel
- 2. 500-page output bin
- 3. Front door provides convenient access to HP toner cartridges and drums
- 4. Built-in automatic two-sided printing
- 5. 500-sheet input tray supports media up to A3
- 6. 3,500-sheet high-capacity input tray supports A4 media
- 7. Easy-access USB port to print files directly
- 8. Hardware integration pocket (HIP) for solution integration
- 9. Right-side doors provide access for clearing jams
- 10. 100-sheet multipurpose tray handles media up to 220 g/m 2
- 11. Access port for optional Kensington-style lock
- 12. 800 MHz processor, 1 GB standard memory
- 13. High-Speed USB 2.0 port (for connecting third-party devices)
- 14. Two internal host USB 2.0 type ports for third party solutions
- 15. HP Jetdirect Gigabit Ethernet print server
- 16. Hi-Speed USB 2.0 printing port
- 17. HP High-Performance Secure Hard Disk



Series at a glance







Model	HP Color LaserJet Enterprise M855dn Printer	HP Color LaserJet Enterprise M855xh Printer	HP Color LaserJet Enterprise M855x+ Printer
Product number	A2W77A	A2W78A	A2W79A
On paper calibration technology	Yes	Yes	Yes
100-sheet multipurpose tray 1	Yes	Yes	Yes
500-sheet A3 tray 2	Yes	Yes	Yes
3x500-sheet A3 feeder	Optional	Yes	Not available
3,500-sheet A4 HCI	Optional	Not available	Yes
Booklet maker with hole punch	Optional ³	Optional ³	Optional ³
Two-bin stapler/stacker	Optional ³	Optional ³	Optional ³
Touch-to-print and wireless direct mobile printing 1,2	Optional	Optional	Optional
HP High-Performance Secure Hard Disk ⁴	Not available	Yes	Yes

¹Wireless direct printing may be added as an option. Mobile device may require an app or driver. Wireless performance is dependent on physical environment and distance from the printer ²Touch-to-print capability may be added as an option. Mobile device must support near field communications-enabled printing.

³Document finishing accessories must be purchased separately. An input accessory with a stand must be installed for use before adding a finishing accessory.

⁴HP High-Performance Secure Hard Disk is not available on the HP Color LaserJet Enterprise M855dn.

Accessories, Supplies and Support

Supplies	C1N54A HP LaserJet C1N54A 110V Maintenance Kit 130,000 pages
	C1N58A HP LaserJet C1N58A 220V Maintenance Kit 130,000 pages
	D7H14A HP LaserJet D7H14A Transfer and Roller Kit 150,000 pages
	CF310A HP 826A Black Original LaserJet Toner Cartridge 29,000 pages
	CF311A HP 826A Cyan Original LaserJet Toner Cartridge 31,500 pages
	CF312A HP 826A Yellow Original LaserJet Toner Cartridge 31,500 pages
	CF313A HP 826A Magenta Original LaserJet Toner Cartridge 31,500 pages
	CF358A HP 828A Black LaserJet Image Drum 30,000 pages
	CF359A HP 828A Cyan LaserJet Image Drum 30,000 pages
	CF364A HP 828A Yellow Laser Jet Image Drum 30,000 pages
	CF365A HP 828A Magenta LaserJet Image Drum 30,000 pages
Accessories	A2W80A HP LaserJet Stapler/Stacker
	C1N63A HP LaserJet 3x500-sheet Paper Feeder and Stand
	A2W82A HP LaserJet Stapler/Stacker with 2/4 hole punch
	A2W83A HP LaserJet Booklet Maker/Finisher
	C1N64A HP LaserJet 1x3500-sheet Paper Feeder and Stand
	C2H56A HP LaserJet 1x500-sheet Paper Feeder and Stand
	C8091A HP Staple Cartridge Refill (5000 staples) for Stapler/Stacker accessories
	CC383A HP 2-pack 2000-staple Cartridge for booklet maker finisher
	CZ999A HP Color LaserJet Booklet Maker/Finisher with 2/4 hole punch
Connectivity	J8026A HP Jetdirect 2700w USB Wireless Print Server
	J8029A HP Jetdirect 2800w NFC/Wireless Direct Accessory
Service and support	UOLX2E HP 3 year Next Business Day with Defective Media Retention Color LaserJet M855 Hardware Support UOLX3E HP 4 year Next Business Day with Defective Media Retention Color LaserJet M855 Hardware Support UOLX4E HP 5 year Next Business Day with Defective Media Retention Color LaserJet M855 Hardware Support UOLW6E HP 3 year 4 hour 9x5 Color LaserJet M855 Hardware Support UOLY8PE HP 1 year Post Warranty Next Business Day with Defective Media Retention Color LaserJet M855 Hardware Support UOLY6PE HP 1 year Post Warranty 4 hour 9x5 Color LaserJet M855 Hardware Support UOLY5PE HP 2 year Post Warranty Next Business Day Color LaserJet M855 Hardware Support

Technical specifications

Model	HP Color LaserJet Enterprise M855dn Printer	HP Color LaserJet Enterprise M855xh Printer	HP Color LaserJet Enterprise M855x+ Printe	
Product number	A2W77A	A2W78A	A2W79A	
Print speed	Up to 46 ppm black (A4); Up to 46 ppm colour (A4); Up to 22 ppm black (A3); Up to 22 ppm colour (A3)	Jp to 43 ipm black duplex (A4); Up to 43 ipm colour duple	ex (A4)	
First page out time	As fast as 11 sec black (A4, ready); As fast as 11 sec	As fast as 11 sec black (A4, ready); As fast as 11 sec colour (A4, ready)		
Print resolution	Up to 1200 x 1200 dpi black; Up to 1200 x 1200 dpi	colour		
Print technology	Laser			
Print Area	Print margins: Top: 2.1 mm; Bottom: 2.1 mm; Left: 2	.1 mm; Right: 2.1 mm; Maximum print area		
Print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation	1		
Monthly duty cycle	Up to 175000 pages (A4), Recommended monthly p	age volume: 4000 to 25000		
Duplex printing	Automatic (standard)	Automatic (standard)		
Fonts and typefaces		nternal scalable fonts in HP Postscript Level 3 emulation 8 Fonts (Calibri, Cambria); additional font solutions availa serjetfonts		
Processor speed	800 MHz	800 MHz		
Display	10.9 cm colour LCD with touchscreen; rotating (adju: USB; Hardware Integration Pocket	10.9 cm colour LCD with touchscreen; rotating (adjustable angle) display; illuminated Capacitive Home button (for quick return to the Home menu); Easy Access USB; Hardware Integration Pocket		
Connectivity	Standard: 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB Host	2.0 Device; 1 Gigabit Ethernet 10/100/1000T Network;	1 Hardware Integration Pocket (HIP); 2 Internal USB	
Memory	Standard: 1.5 GB (system memory); Maximum: 1.5 G	iB (system memory)		
Hard disk	Standard, 8 GB Solid State Drive (SSD)	Standard, HP High-Performance Secure Hard Disk, minimum 320 GB; AES 256 hardware encryption or higher	Standard, HP High-Performance Secure Hard Disk, minimum 320 GB; AES 256 hardware encryption or higher	
Functions	Print			
Media types	Cut sheet paper, labels, transparencies, glossy paper	glossy film, photo media, tough paper, envelopes		

Model	HP Color LaserJet Enterprise M855dn Printer	HP Color LaserJet Enterprise M855xh Printer	HP Color LaserJet Enterprise M855x+ Printer
Product number	A2W77A	A2W78A	A2W79A
Paper size	Custom metric: Tray 1: 76.2 x 127 to 320 x 457.2 mm; Tray 2: 148 x 210 to 297 to 432 mm	Custom metric: Tray 1: Width: 76.2 x 127 to 320 x 457.2 mm; Tray 2: 148 x 210 to 297 x 432 mm; Tray 3, 4, 5: 148 x 210 to 320 x 457 mm	Custom metric: Tray 1: 76.2 x 127 to 320 x 457.2 mm; Tray 2: 148 x 210 to 297 x 432 mm, Tray 3, 4: 210 x 297 mm, Letter
	Supported metric: Tray 1: A3; A4; A4-R; A5; B5 (JIS); B4 (JIS); RA4; SRA4; RA3; SRA3; A6; B6 (JIS); DPOSTCARD (JIS); Envelopes: B5; C5; C6; DL; Tray 2: A3; A4; A4-R; A5; B5 (JIS); B4 (JIS); RA4; SRA4	Supported metric: Tray 1: A3; A4; A4-R; A5; B5 (JIS); B4 (JIS); RA4; SRA4; RA3; SRA3; A6; B6 (JIS); DPOSTCARD (JIS); Envelopes: B5; C5; C6; DL; Tray 2: A3; A4; A4-R; A5; B5 (JIS); B4 (JIS); SRA4; Tray 3-5: A3; A4; A4-R; A5; B5 (JIS); B4 (JIS); RA4; SRA4; RA3; SRA3	Supported metric: Tray 1: A3; A4; A4-R; A5; B5 (JIS); B4 (JIS); RA4; SRA4; RA3; SRA3; A6; B6 (JIS); DPOSTCARD (JIS); Envelopes: B5; C5; C6; DL; Tray 2: A3; A4; A4-R; A5; B5 (JIS); B4 (JIS); RA4; SRA4; Tray 3, 4: A4
Paper handling	Standard input: 100-sheet multipurpose tray, 500-sheet input tray	Standard input: 100-sheet multipurpose tray, 4 x 500-sheet input tray	Standard input: 100-sheet multipurpose tray, 500-sheet input tray, 1500-sheet input tray, 2000-sheet input tray
	Standard output: 500-sheet face-down bin Optional/Input: 1 x 500-sheet feeder with cabinet, 3 x 500-sheet feeder, High Capacity Input with 1 x 1500-sheet tray and 1 x 2000-sheet feeder	Standard output: 500-sheet face-down bin	Standard output: 500-sheet face-down bin
Input capacity	Tray 1: sheets: 100 (75 g/m²); envelopes: 10 Tray 2: sheets: 500 (75 g/m²)		
		Tray 3: Tray 3-5: sheets: 500 (75 g/m² media)	Tray 3: Tray 3, sheets: 1500 (75 g/m² media); Tray 4, sheets: 2000 (75 g/m² media)
Output capacity	Maximum: Up to 4100 sheets (75 g/m² media) Standard: Up to 500 sheets (75 g/m²), Up to 60 env	Maximum: Up to 2100 sheets (75 g/m² media)	Maximum: Up to 4100 sheets (75 g/m² media)
	Maximum: 3000 sheets (75 g/m²) with an optional (
Paper weight	Tray 1, 2: 60 to 220 g/m ²	Tray 1-5: 60 to 220 g/m ²	Tray 1, 2: 60 to 220 g/m²; Tray 3/4: 60 to 120 g/m²
Standard connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device	e; 1 Gigabit Ethernet 10/100/1000T Network; 1 Hardware	Integration Pocket (HIP); 2 Internal USB Host
What's in the box	HP Color Laser Jet Enterprise M855dn Printer; Black, Cyan, Magenta and Yellow HP Color Laser Jet Drums (yield ~30,000 pages); Black, Cyan, Magenta and Yellow HP Color Laser Jet Toner Cartridges (yield ~29,000 pages black, ~31.500 pages colour); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); hardware integration pocket; Walk-up USB printing port; 100-sheet multipurpose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in)	HP Color LaserJet Enterprise M855xh Printer; Black, Cyan, Magenta and Yellow HP Color LaserJet Drums (yield ~30,000 pages); Black, Cyan, Magenta and Yellow HP Color LaserJet Toner Cartridges (yield ~29,000 pages black, ~31.500 pages colour); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); Hardware integration pocket; Walk-up USB printing port; 100-sheet multipurpose tray 1; 500-sheet input tray 2; 3 x 500-sheet input tray with stand; Automatic duplexer (built-in); HP High-Performance Secure Hard Disk, minimum 320 GB, AES 256 hardware encryption or greater	HP Color Laser Jet Enterprise M855x+ Printer; Black, Cyan, Magenta and Yellow HP Color Laser Jet Drums (yield ~30,000 pages); Black, Cyan, Magenta and Yellow HP Color Laser Jet Toner Cartridges (yield ~29,000 pages black, ~31.500 pages colony; CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); Hardware integration pocket; Walk-up USB printing port; 100-sheet multipurpose tray 1; 500-sheet input tray 2; 3500-sheet high capacity input tray with stand; Automatic duplexer (built-in); HP High-Performance Secure Hard Disk, minimum 320 GB, AES 256 hardware encryption or greater
Replacement cartridges	Cartridge (31,500 pages) CF312A; HP 826A Magent	ges) CF310A; HP 826A Cyan LaserJet Toner Cartridge (31,5 a LaserJet Toner Cartridge (31,500 pages) CF313A; HP 820 000 pages) CF359A; HP 828A Yellow LaserJet Imaging Dru	BA Black LaserJet Imaging Drum (30,000 pages)
Supported network protocols	IPv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2	.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Por Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct	
Compatible operating systems	Server 2008 (32-bit/64-bit), Windows Server 2008 Mountain Lion; For the latest operating system supp Terminal Services (http://www.hp.com/go/upd), HP	bit), Windows 7 (32-bit/64-bit), Windows Vista (32-bit/64- R2 (64-bit), Windows Server 2003 (SP1 or higher) (32-bit/ bort see: AirPrint™ (support.apple.com/kb/ht4356), Androi Perint Software Driver (http://www.hp.com/go/eprintsoftw ttp://www.hp.com/go/sap/drivers), SAP Print (http://www.l /www.hp.com/go/jetdirectunix_software)	64-bit); Mac OS X version 10.6.8, 10.7.5 Lion, 10.8 d (http://www.android.com), Citrix and Windows vare), Linux (http://www.hplip.net), Novell
Minimum system requirements	(64 bit), Windows Server 2003 (SP1 or higher): 200 (for OS compatible hardware system requirements : Mac: Mac OS X v10.6, v10.7 Lion, v10.8 Mountain Li	or higher), Windows Vista, Windows Server 2012 (64-bit) MB available hard disk space, CD-ROM/DVD drive or Intern see http://www.microsoft.com) on; 1 GB of available hard-disk space; CD-ROM or DVD drive ing system compatible hardware system requirements see	et connection, USB 1.1/2.0 or network connection e, or Internet connection; Dedicated Universal Serial
Software included	HP PCL 6 Discrete Printer Driver; Mac Software Link		
Security management	Advanced Security: Management security: SNMPv3, Kerberos, Certificate, and PreShared Key Authentica	SSL/TLS (HTTPS), WPA2-Enterprise, 802.1X Authenitication	on (EAP-PEAP, EAP-TLS), IPSec/Firewall with
Printer management	HP Web Jetadmin; HP Utility (Mac)		
Control panel	10.9 cm colour LCD with touchscreen; rotating (adju USB; Hardware Integration Pocket	stable angle) display; illuminated Capacitive Home button	(for quick return to the Home menu); Easy Access
Printer dimensions (W x D x H)	Minimum: 704 x 635 x 580 mm Maximum: 1000 x 635 x 580 mm	Minimum: 704 x 635 x 1063 mm Maximum: 1000 x 635 x 1063 mm	Minimum: 704 x 635 x 1063 mm Maximum: 1000 x 635 x 1063 mm
Package dimensions (W x D x H)	856 x 790 x 899 mm	856 x 790 x 1352 mm	856 x 790 x 1352 mm
Printer Weight	86.28 kg	122.47 kg	124.08 kg
Package weight	101.55 kg	141.9 kg	142.9 kg
Operating environment	Temperature: 15 to 30°C, Humidity: 10 to 80% RH		
Storage	Temperature: 0 to 35°C, Humidity: 10 to 90% RH		
Acoustics	Acoustic power emissions: 7.1 B(A); Acoustic pressure emissions: 55 dB(A)		

Model	HP Color LaserJet Enterprise M855dn Printer	HP Color LaserJet Enterprise M855xh Printer	HP Color LaserJet Enterprise M855x+ Printer
Product number	A2W77A	A2W78A	A2W79A
Power Requirements: Input Voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 5.5 A Consumption: 1100 watts (printing), 60 watts (ready), 7.0 watts (sleep), 1 watt (auto-off), 0.4 watts (off). Typical Electricity (Power supply type: Built-in power supply)		ical Electricity Consumption (TEC): 5.345 kWh/Week.	
Certifications	CISPR 22:2008/EN 55022:2010 (Class A); EN 61000-3-2: 2006+A1:2009 +A2:2009; EN 61000-3-3: 2008; EN 55024:2010; EMC Directive 2004/11 Marking (Europe); other EMC approvals as required by individual countries ENERGY STAR® qualified; Blue Angel		N 55024:2010; EMC Directive 2004/108/EC with CE
Warranty	One-year, next business day, on-site limited warrant	y. Warranty and support options vary by product, country	and local legal requirements.

Footnotes

¹ Document finishing accessories must be purchased separately. An input accessory with a stand must be installed for use before adding a finishing accessory; ² HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin.; ³ HP Imaging and Printing Security Center must be purchased separately.; ⁴ The HP High-Performance Secure Hard Disk is not available on the HP Color Laser Jet Enterprise M855xh model.; ⁵ Wireless direct printing may be added as an option to the HP Laser Jet Enterprise M855xh A2W78A. HP Laser Jet Enterprise M855xh A2W78A and HP Laser Jet Enterprise M855xh A2W78A and HP Laser Jet Enterprise M855xh A2W78A. HP Laser Jet Enterprise M855xh A2W78A and HP Laser Jet Enterprise M855xh A2W78A. Mobile device must support near-field communications-enabled printing. For a list of supported devices, see hp.com/go/mobileprinting; ¹ Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to printer. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See hp.com/go/mobileprinting for more details; ⁴ Supports OS X® Lion, OS X Mountain Lion, and the following devices running iOS 4.2 or later: iPad® (all models), iPhone® (3GS or later), and iPod touch® (third generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your OS X or iOS device. Wireless performance is dependent on physical environment and distance from the access point. OS X, iPad, iPhone









http://www.hp.com/uk

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HP A3 & PageWide Printing Devices

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.



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

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)













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 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.

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/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/printersecurityclaims ³ 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

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
rint 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, 11×17 , 12×18 , 4×6 , 5×7 , 5×8 , 10×15 ,
rint 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, 1
rint 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 input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-down
Printer Smart Software Features	MFS—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. Quality printing for a great value is a smart choice for any simulanes. 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 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 built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate	•	order this 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	X3A60A 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 48,000) W9005MC ⁸
		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	Display Description	Integration Pocket; Extended Keyboard
Scan File Format	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 Input Modes	Digital Send: PDF, HI-Compression PDF, JPEG, ITF, 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) 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 (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 Siera, OS X 10.10 Yosemite, OS X 10.11 EL 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 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 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 Systems	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1 2, and 3), Citrix on Windows Server 2008/2008/2, Citrix on Windows Server 2008/2008 R2, 5P1, Citrix on Windows Server 2012/2012 R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plu Feature Pack 2 8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 [Fax Mitedoux Server 2009 2.7] Presental Services 23- and 64-bit, Citrix XenApp 6.0/6.5 [Fax Mitedoux Server 2009 2.7] Presental Services 23- and 64-bit, Citrix XenApp 6.0/6.5
Copy Speed	Black (letter): Up to 25 cpm		for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Clirk xMenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 F91 Terminal Services, 32- and 64-bit], Clirk xMenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Clirk xMenDesktop 5.6 [for Windows Server 2012 End 2012 R2 Terminal Services, 32- and 64-bit], Clirk xMenDesktop 5.6/7.0/7.5 [for Windows Server 2008 Terminal Services, 32- and 64-bit], Clirk xMenDesktop 7.0/7.5 [for Windows Server 2012 and 201 Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/jiprint, Novell Appliance v10, Novell Open Enterprise Server 2 7.0 [7]. In Novell Open Enterprise Server 2 7.0 [7].
Copy Resolution	Black (text and graphics): Up to 600 × 600 dpi; Up to 600 × 600 dpi		
Maximum Number Of Copies	Up to 999 copies		
Copier Resize Copier Settings	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;		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)
	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 2008/2008 R2 32-/64-bit
Fax Speed	content orientation; collation; booklet; ID Scan; job build; job Storage; watermark; stamps; book mode		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 Serve
	content orientation; collation; booklet; ID Scan; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview	Minimum Suctom Daguiromente	Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-(54-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services)
Fax Resolution	content orientation; collation; booklet; ID Scara, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview Up to: 33.6 kbps; Letter: 3 sec per page ² 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 Sending: No: Distinctive Ring Detection Supported: No: Fax Forwarding Supported: Yes; Fax Phone TAM	Minimum System Requirements	Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datazenter (+ Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/64-bit Standard/Essentials/Datacenter (+ Cluster & Terminal Services) PC 2 68 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
Fax Resolution	content orientation; collation; booklet; ID Scarn, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview **Up to 33.6 kbps; Letter 3 sec per page** 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 Sending; No; Distinctive Ring Detection Supported No; Fax Korwarding Supported Yes; Fax Phone TMI Interface Supported. No; Fax Polling Supported Yes; Glot to receive only; Fax Telephone Mode Supported: No; Fax Delayed Supported Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 7.0 destinations); PC Interface Supported Yes; Render Retrieval Capability Supported No;	Power	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 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services). Windows Server 2016/64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services). 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 (+/-10%), 220 to 240Vac (+/-10%), 50/60 Hz (+/-3%); ⁵
Fax Resolution Fax Features	content orientation; collation; booklet; ID Scarn, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview **Up to 33.6 kbps; Letter: 3 sec per page?* 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 Sending; No; Distinctive Ring Detection Supported No; Fax Forwarding Supported Yes; Fax Phone TMI Interface Supported. No; Fax Delling Supported Yes; Glot to receive only; Fax Telephone Mode Supported: No; Fax Delayed Delayed Supported: No		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 Standard/ Essential/Datacenter (+ Cluster & Terminal Services). 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 127Ve (+/-10%), 220 to 240Vac (+/-10%), 50/60 Hz (+/-3%); ⁶
Fax Resolution Fax Features Standard Connectivity	content orientation; collation; booklet; ID Scara, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview Up to: 33.6 kbps; Letter: 3 sec per page ² 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 Sending; No; Distinctive Ring Detection Supported. No; Fax Forwarding Supported. Yes; Fax Phone TAM Interface Supported. No; Fax Polling Supported Yes; Kawimum Speed Disling Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported. Yes; Remote Retrieval Capability Supported. No; Telephone Handset Supported. No; T	Power	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 2016/64-bit Standard/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Services), Windows Server 2016/64-bit Services (+ Cluster & Terminal Services), Windows Server 2016/64-bit Services (+ Cluster & Terminal Services), Windows Server 2016/64-bit Services (+ Cluster & Terminal Services), Windows Server 2016/64-bit Services (+ Cluster & Terminal Services), Windows Services (+ Cluster & Termi
Fax Resolution Fax Features Standard Connectivity Network Capabilities	content orientation; collation; booklet; ID Scarn; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview Up to: 33.6 kbps; Letter: 3 sec per page? 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 Sending; No: Distinctive Ring Detection Supported No: Fax Forwarding Supported Ves; Fax Phone TMI Interface Supported. No: Fax Polling Supported Ves (polit 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: 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)	Power Acoustics Operating Environment	Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-f64-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 2016/64-bit Standard/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Services), Windows Server 2016/64-bit Services), Windows Server 2016/64-bit Services), Windows Server 2016/64-bit Services (- 100-100-100-100-100-100-100-100-100-10
Fax Resolution Fax Features Standard Connectivity Network Capabilities Network Ready	content orientation; collation; booklet; ID Scarn; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview **Up to: 33.6 kbps; Letter: 3 sec per page?** 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 Sending; No; Distinctive Ring Detection Supported. No; Fax Forwarding Supported: Yes; Fax Phone TMI Interface Supported. No; Fax Polling Supported vis (poll to receive only); Fax Telephone Mode Supported. No; Lunk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to: 1000 numbers (each with 2.10 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)	Power	Standard/Enterprise (- Cluster & Terminal Services), Windows Server 2008/2008 R2 32-f64-bit (SP1/SP2) Standard/Enterprise/Datazenter (- Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essentials/Datazenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datazenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datazenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datazenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datazenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Services (- Cluster & Ter
Fax Resolution Fax Features Standard Connectivity Network Capabilities Network Ready	content orientation; collation; booklet; ID Scarn; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview Up to: 33.6 kbps; Letter: 3 sec per page? 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 Sending; No: Distinctive Ring Detection Supported No: Fax Forwarding Supported Ves; Fax Phone TMI Interface Supported. No: Fax Polling Supported Ves (polit 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: 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)	Power Acoustics Operating Environment Security Management	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/Erspential/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Services Post Services Ser
Fax Resolution Fax Features Standard Connectivity Network Capabilities Network Ready Wireless Capability	content orientation; collation; booklet; ID Scara, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview Up to: 33.6 kbps; Letter: 3 sec per page ² Black (best)* Up to 300 x 900 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 Sending; No: Distinctive Ring Detection Supported No: Fax Porwarding Supported Yes; Fax Phone TMI Interface Supported. No: Fax Delling Supported Yes; Roll to receive only; Fax Telephone Mode Supported No: Fax Delayed Sending; No: Distinctive Ring Detection Supported No: Fax Perbone Mode Supported No: Fax Delayed 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) No wireless capabilities standard. There are optional accessories (common to all current Jedi products)	Power Acoustics Operating Environment	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/Froensie/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Services Services S
Fax Resolution Fax Features Standard Connectivity Network Capabilities Network Ready Wireless Capability Mobile Printing Capability	content orientation; collation; booklet; ID Scarn, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview Up to: 33.6 kbps; Letter: 3 sec per page ² 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 Sending; No; Distinctive Ring Detection Supported: No: Fax Forwarding Supported: Yes; Fax Phone TMA Interface Supported: No: Fax Delling Supported: No: Sex Forwarding Supported: Yes; Reshone TMA Interface Supported: No: Sex Forwarding Supported: No: Sex Forwarding Supported: No: Sex Forwarding Supported: No: Sex Forwarding Supported: No: Supported: No: Sunk Barrier Supported: No: Sex Forwarding Supported: No: Telephone Mandset: Supported: No: Sex Forwarding Supported: No: Telephone Handset Supported: No: Sex Forwarding: Supported: No: Telephone Handset: Supported: No: Sex Forwarding: Sex Forwarding: No: Sex Forwardi	Power Acoustics Operating Environment Security Management	Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SPLYSP2) Standard/Enterprise/Datacenter (* Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Froemise/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essential/Datacenter 2016/64-bit Standard/Essential/Datacenter 2016/64-bit Standard/Essential/Datacenter 2016/64-bit Standard/Essential/Datacenter 2016/64-bit Standard/Essential/Datacenter 2016/64-bit Standard/Essential/Datacenter/
Fax Resolution Fax Features Standard Connectivity Network Capabilities Network Ready Wireless Capability Mobile Printing Capability Memory Processor Speed	content orientation; collation; booklet; ID Scara, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview **Up to 33.6 kbps; Letter: 3 sec per page?** **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-Redlaling; Yes; Fax Delayed Sending; No; Distinctive Ring Detection Supported No; Fax Forwarding Supported 'Yes; Fax Phone TMM Interface Supported. No; Fax Deling Supported 'Yes; Glot to receive only); Fax Telephone Mode Supported: No; Junk Barrier Supported 'Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 2.01 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No; Te	Power Acoustics Operating Environment Security Management	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 R2 64-bit Standard/Foundation/Essentials/Datacenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster), Windows Serve
Fax Resolution Fax Features Standard Connectivity Network Capabilities Network Ready Wireless Capability Mobile Printing Capability Memory Processor Speed	content orientation; collation; booklet; ID Scara, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview **Up to: 33.6 kbps; Letter: 3 sec per page?** **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 Sending; No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Delayed Sending; No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Delayed Sending; No; Up to: 1000 numbers up to: 1000 numbers: Up	Power Acoustics Operating Environment Security Management	Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008/2008 R2 32-f64-bit (SP1/SP2) Standard/Enterprise/Datazenter (* Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Terminal Services), Windows Server 2016/64-bit Services (* Cluster & Termina
Fax Resolution Fax Features Standard Connectivity Network Capabilities Network Ready Wireless Capability Mobile Printing Capability Memory Processor Speed Duty Cycle Recommended Monthly Page Volume	content orientation; collation; booklet; ID Scarn, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview Up to 33.6 kbps; Letter: 3 sec per page ² 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 Sending; No; Distinctive Ring Detection Supported No; Fax Forwarding Supported: Yes; Fax Delayed Sending; No; Distinctive Ring Detection Supported No; Fax Forwarding Supported: Yes; Rehone TAM Interface Supported: No; Sav Bland Supported: No; Sav Bland Supported: No; Lunk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (seeh with 21 destinations): PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Suppor	Acoustics Operating Environment Security Management Accessories	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 R2 64-bit Standard/Foundation/Essentials/Datacenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Services (- Cluster & Terminal Services), Windows Server 2016/64-bit Server 2016/64-
Fax Speed Fax Resolution Fax Features Standard Connectivity Network Capabilities Network Ready Wireless Capability Mobile Printing Capability Memory Processor Speed Duty Cycle Recommended Monthly Page Volume Media Types Supported	content orientation; collation; booklet; ID Scara, job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview **Up to: 33.6 kbps; Letter: 3 sec per page?** **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 Sending; No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Delayed Sending; No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Delayed Sending; No; Up to: 1000 numbers up to: 1000 numbers: Up	Acoustics Operating Environment Security Management Accessories	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 2016/64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Standard/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2016/64-bit Services), Windows Server 2016/64-bit Services), Windows Server 2016/64-bit Services, Windo

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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.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, 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 production, software application, offware 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 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.



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

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)



MobilePrintingCapability:Yes











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 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
- 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/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/printersecurityclaims ³ Measured using ISQ/IEC 24734, excludes first set of test documents. For more information, see http://www.hp.com/go/printersclaims. 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 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, 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	December 4th -	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.let MFPs—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. I 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.let 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 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.	Paper Handling	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
		What's in the box	X3A63A 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 48,000) W9005MC ⁸
		Product Dimensions	W x D x H : 22.3 × 28.5 × 32.6 in; Maximum : 47 × 50 × 30.5 in
		Product Weight	150.2 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 Template, Add Print Model to Comments, AutoUpgradeUPD, Driver Configuration Utility, Driver Deployment Utility, HP Managed Printing Administration, PRNOKNEK, HPPRIOG, Migrate-Server-Tools,		requirements. Go to http://www.hp.com/support to learn about HP award winning service and suppor options in your region.
		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	control unc	illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware
Scan Resolution	Flatbed, ADF / Flatbed; ADF	D. I. D I.	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 Input Modes	Digital Send: PDF, HI-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/M; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF; XPS, PDF/M; 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 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 (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 Crop 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 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2, 5P1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix Menapp 5.0 (Feature Pack 2 & 3) for Windows Server 2008 R2 and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, 57/5 Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, 57/5 Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, 57/5 Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6, for Windows Server 2008 R2
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 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 SF Terminal Services, 32-and 64-bit, Citrix XenDesktop 5.6/7.07.5 [for Windows Server 2018 R2 SF Terminal Services, 32-and 64-bit, Citrix XenDesktop 7.07/5. [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Novell NetWare 6.5/SPB Novell Clients www.novell.com/print, Novell Print Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nov Servers www.novell.com/print), Windows Server 2003/2003 R2 32-64-bit (SP1/SP2), Standard/Enterprise (1-Cluster & Terminal Services), Windows Server 2003/2003 R2 32-64-bit (SP1/SP2), Standard/Enterprise (1-Cluster & Terminal Services), Windows Server 2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise (1-Cluster & Terminal Services), Windows Server 2008 R2 32-64-bit (SP1/SP2), Standard/Enterprise (1-Cluster & Terminal Services), Windows Server 2008 R2 32-64-bit (SP1/SP2), Standard/Enterprise (1-Cluster & Terminal Services), Windows Server 2008 R2 32-64-bit (SP1/SP2), Standard/Enterprise/Datacenter (1-Cluster & Terminal Services), Windows Server 2012 R2
Maximum Number Of Copies	Up to 999 copies		
Copier Resize	25 to 400%		
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	Up to : 33.6 kbps; Letter : 3 sec per page ²		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	Material Control Development	2016/64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Features	Fax Memony: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing; Yes; Fax Delayed Sending; No: Distinctive Ring Detection Supported: No: Fax K Forwarding Supported: No: Fax Poling Supported: No: Maintenance: Up to 1000 numbers: Up to 1	Minimum System Requirements Power	PC: 2 GB available hard disk space; 0S hardware requirements see microsoft.com; MAC: 1.3 GB available hard drive space; Internet; 0S hardware requirements see Apple.com for more info Power Search Top Learnet (Critical Programments See Apple.com for more info
			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 Acoustic Power Emissions 6.6 B/A), printing mono simplex, A4 at 30 ppm; Acoustic Pressure Emission
Standard Connectivity	Telephone Handset Supported: No	Acoustics	50 dB(A), printing mono simplex, A4 at 30 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%: Recommended Operating Temperature: 59 to 86%: Storag Temperature Range: 14 to 104%; Non-Operating Humildity Range: 10 to 80% RH; Operating Humildity
Notwork Canabilities			Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH
·	Standard (built-in Gigabit 10/100/1000T Ethernet)		
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,
Network Ready		Security Management	
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 Accessories	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 WMA-10 Psec Configuration using IPsec Pfug-III 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 2/3 Y1G02A, Inner Finisher Hole Punch Swedsh V1G09A, Inner Finisher Hole Punch Swedsh V1G09A, Told Yatokacker Finisher Y1G18A, Booklet Fundament Y1G18A, Booklet Funda
Network Ready Wireless Capability Mobile Printing 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. 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		Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP, EAP-TLS), IPP own TSL, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WMA-10 Psec Configuration using IPsec Plug-in Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG Y1F99A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch Sweidsh V1G03A, Staper/Stacker Finisher Y1G18A, Booklet Finish Y1G07A, Stapler/Stacker Finisher Y1G18A, Fooklet Finisher Y1G07A, Stapler/Stacker Finisher Y1G18A, Fooklet Finisher Y1G07A, Stapler/Stacker Finisher Y1G07A, Stapler/Stacker Finisher Y1G07A, Stapler/Stacker Finisher Y1G07A, And exit V1C32A, Spacer V1C3C4A, Alole Punch 2/3 Cabinet Y1G07A, Stapler/Stacker Finisher Y1G07A, Stapler/Stacker Finisher Staple V1G13A, Jol Separator WC Y1G15A, Tay Heater Y1G2A, 2nd exit V1C32A, Spacer Y1C3C4A, Alole Punch 2/3 Cabinet Y1G07A, Stapler/Stacker Finisher Y1G07A, Alone V1C1G2A, Tay Alole Punch 2/3 Cabinet Y1G07A, Spacer Y1C3C4A, A
Network Ready Wireless Capability Mobile Printing Capability Memory Processor Speed	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, SMMPAS, SSL/ITLS, WPAS—Tenterpise, 80.2 L1 A authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication, Support for WJA-10 IP-sec Configuration using IP-sec Plug-in-f Standard. 6 GB; Maximum 6 GB 1.2 GHz / Hard disc. 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-Lob Data. Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		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 WM-10 Psec Configuration using IPsec Plug-in Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/34 Y1G02A, Inner Finisher Hole Punch 2/34 Y1G02A, Inner Finisher Hole Punch Swidsh V1G02A, Stapler/Stacker Finisher Y1G1BA, Booklet Maker Staples Y1G13A, Inner Finisher Hole Punch 2/34 Y1G03A, Stapler/Stacker Finisher Hole Punch 2/34 Y1G03A, Stapler/Stacker Finisher Staples Y1G13A, Ioner Finisher Staples Y1G13A, Ioner Finisher Staples Y1G13A, Ioner Stapler VIG13A, VIG10A, Hole Punch 2/34 Y1G11A, Hole Punch 2/34 Y1G10A, Hole Punch 2/34 Y1G11A, Hole Punch Swedish Y1G12A, DOD CAC Card Reader CCS43B, SIPRN - Classified Card Reader F8830A, Firl V1SB Foreign Interface Harness Sis 131A, Two Internal USB ports Solutions SEJZBA, HDD HP Secure High Performance Hard Disk Drive BSL29A, HP JetDirect USB Wireless Print Server with NFC J8030A, HPAC Card Reader - HIPN X200A, HPAC Card Reader - HIPN X200A3,
Network Ready Wireless Capability Mobile Printing Capability Memory Processor Speed	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, MPA2Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPS-ec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication, Support for WJA-10 IPS-ec Configuration using IPS-ec Plug-in ⁴ Standard: 6 GB: Madvirum: 6 GB 12. GHz / Hard disc 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	Accessories	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 WMA-10 Psec Configuration using IPsec Plug-in 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 2/3 Y1G02A, Inner Finisher Hole Punch 2/3 Y1G03A, Super/Stacker Finisher Y1G18A, Booket Mort Pinish Y1G07A, Stapler/Stacker Finisher Staples Y1G13A, Jord Separator WG Y1G15A, Tray Heater Y1G22A, 2nd exit Y1G23A, Spacer Y1G24A, Hole Punch 2/3 Y1G10A, Hole Punch 2/1 Y1G11A, Hole Punch Swedish Y1G12A, D0 CAC Card Reader CS43B, SIPRN - Classified Card Reader F8830A, Filh USB Foreign Interface Harness BIS 13A, Two Internal USB ports Solutions BSL2BA, HDD HS secure High Performance Hard Disk Drive BSL29A, HP JetDirect USB Wireless Print Server With NFC J8030A, HPAC Card Reader - HIP1 X3D03A, Analog Fax Accessory CC487A
Network Ready Wireless Capability Mobile Printing Capability Memory Processor Speed Duty Cycle Recommended Monthly Page Volume	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, 802.11X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPS-set/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication, Support for WJA-10 IPS-sec Configuration using IPS-sec Plug-in ⁴ Standard: 6 GB: Maximum 6 GB Standard: 6 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 Frase-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 Up to 50,000 pages		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 WM-To IPsec Configuration using IPsec Plug-in Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG Y1F99A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch Sweids NY 1G04A, Stapler/Stacker Finisher Y1G18A, Booklet Plaker S1aples Y1G13A, Jot Separation 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, SPRN - Classified Card Reader R830A, Halb Secure High Performance Hard Disk Drive BSL29A, HD HP activated USB wire BSL29A, HD HP activated William
Network Capabilities Network Ready Wireless Capability Mobile Printing Capability Memory Processor Speed Duty Cycle Recommended Monthly Page Volume Media Types Supported	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, MPA2Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPS-ec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication, Support for WJA-10 IPS-ec Configuration using IPS-ec Plug-in ⁴ Standard: 6 GB: Madvirum: 6 GB 12. GHz / Hard disc 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	Accessories	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS, IPP over TSL, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WM-10 IPsec Configuration using IPsec Pflug-III. Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WG Y1F99A, Inner Finisher Y1G0A, Inner Finisher Hole Punch 27 Y1G0A, Inner Finisher Hole Punch 27 Y1G0A, Inner Finisher Hole Punch Swedish V1G0A, Stapler/Stacker Finisher Y1G1A, 1040 A Stapler/Stacker Finisher Y1G1A, 1040 A Stapler/Stacker Finisher Y1G1A, 1040 A Stapler/Stacker Finisher Y1G1A, 1050 A Stapler/Stacker Finisher Staples Y1G1A, 1040 A Stapler/Stacker Finisher Staples Y1G1A, 1050 A More V1G1A, 2000 CAC Card Reader (CS438, SIPRM C1G4A, 1040 CAC Card Reader CS438, SIPRM C1G4A, 1040 CAC Card Reader CS438, SIPRM C1G4A, 1040 CAC Card Reader CS438, SIPRM STAP C1G4A, 1040 CAC Card Reader CS438, SIPRM Wireless P101 Server with NTC 1030A, HPAC Card Reader HIP1 CZ20BA, HPAC Card Reader - HIP1 X3003A, HPAC Card Reader - HIP2 X3003A, Analog Fax Accessory CC487A UBLU8E - HP 1 year Next Business Day Service w/Defective Media Retention for LaserJet E725xx MFP

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, driver, and document complexity. ⁴ Optional Wireless Direct and Wireless Direct an



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.



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

Mobile Printing Capability: 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 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
- 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/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/printersecurityclaims ³ Measured using ISQ/IEC 24734, excludes first set of test documents. For more information, see http://www.hp.com/go/printersclaims. 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 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 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,
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		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	Paper Handling	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
	MFS—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. I 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 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		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	X3A66A 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 48,000) W9005MC ⁸
		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	PFEG, TIFF, MTIFF, XPS, DPIFA, Print from easy access USE: DDF, 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 user manuals
Jean inpact loads	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, 171, 172, 173, 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 10.1 Vo Semiler, OS X 10.1 1E (15.04, 16.10), OS macOS 10.13 28.64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-& 64-bit editions, Windows 8/8.1 all 32-& 64-bit
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		
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 1
	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 Servier 2003/200382. Citrix on Windows Servier 2008/20038R2/2008 R2 SP1, Citrix on Windows Servier 2012/2012R2, Citrix Presentation Servier 4.0/4.5, Citrix Arehapp 5.0 (PL Feature Pack 2 & 3) for Windows Servier 2008 Terminal Services, 32- and 64-bit, Citrix XenApp 5.0 (PL Feature Pack 2 & 3) for Windows Servier 2008 R2 Port Terminal Services, 32- and 64-bit), Citrix XenApp 6.0/6.5/7.5 (for Windows Servier 2008 R2 Per Terminal Services, 32- and 64-bit), Citrix XenApp 7.5 (for Windows Servier 2008 R2 Perminal Services, 32- and 64-bit), Citrix XenApp 7.5 (for Windows Servier 2008 R2 Perminal Services, 32- and 64-bit), Citrix XenApp 5.6 (for Windows Servier 2008 R2 Perminal Services, 32- and 64-bit), Citrix XenDesktop 7.0/7.5 (for Windows Servier 2012 and 2012 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 7.0/7.5 (for Windows Servier 2012 and 2012 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 7.0/7.5 (for Windows Servier 2012 and 2012 R2 Terminal Services), Windows Servier 2012 and 2012 R2 Serviers www.novell.com/print), Windows Servier 2003/2003 R2 32-64-bit (SP1/SP2), Standard/Enterprise (Pt Cluster & Terminal Services), Windows Servier 2003/2003 R2 32-64-bit (SP1/SP2), Standard/Enterprise (Pt Cluster & Terminal Services), Windows Servier 2003 R2 32-64-bit (SP1/SP2), Standard/Enterprise (Pt Cluster & Terminal Services), Windows Servier 2008 R2 64-bit (SP1/SP2), Standard/Enterprise (Pt Cluster & Terminal Services), Windows Servier 2008 R2 64-bit (SP1/SP2), Standard/Enterprise (Pt Cluster & Terminal Services), Windows Servier 2008 R2 64-bit (SP1/SP2), Standard/Enterprise (Pt Cluster & Terminal Services), Windows Servier 2008/2008 R2 32-64-bit (SP1/SP2), Standard/Enterprise (Pt Cluster & Terminal Services), Windows Servier 2008/2008 R2 32-64-bit (SP1/SP2), Standard/Enterprise (Pt Cluster & Terminal Services), Windows Services), Window
Copy Speed	Black (letter): Up to 35 cpm		
Copy Resolution	Black (text and graphics) : Up to 600 × 600 dpi; 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 Scara; bob bluid; 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 ²		
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: No: Fax Phone TAM Interface Supported: No: Fax Polling Supported: No: [Sex Polling Supported: No: [No: Interface Supported: No: [No: Int	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	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
	Telephone Handset Supported: No	Acoustics	Acoustic Power Emissions: 6.8 B(A), printing mono simplex, A4 at 35 ppm; Acoustic Pressure Emission
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	51 dB(A), printing mono simplex, A4 at 35 ppm 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, IP-sec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WIA-10 IP-sec Configuration using IP-sec Plug-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/ Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Booklet Finish Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, J
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-Lob Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		Y1610A, Hole Punch 2/4 Y1611A, Hole Punch Swedish Y1612A, DDD CAC Card Reader CC543B - Classified Card Reader F8830A, FiH USB Foreign Interface Harness BSL31A, Two internal USB solutions BSL28A, HDD HP Secure High Performance Hard Disk Drive BSL29A, HD JetDirect USE 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	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		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,		E725xx MFP Managed: U9LUEE - HP 4 year Next Business Day Service w/Defective Media Retention f Lazer Jet 2725xx MFP Managed: U9LU7E - HP 5 year Next Business Day Service w/Defective Media Retention for Laser Jet E725xx MFP Managed: U9LU8E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet E725xx MFP Managed: U9LU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet 275xx MFP Managed: U9LU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet 275xx MFP Managed: U9LU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet 275xx MFP Managed: U9LU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet 275xx MFP Managed: U9LU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet 275xx MFP Managed: U9LU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser Jet 275xx MFP Managed: U9LU9E - HP 4 year 4 hour 9x5 Service w/Defective MFP

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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.13 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, driver, and document complexity. ⁴ Optional Wireless Direct and Wi

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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)













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 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.

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/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/printersecurityclaims 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/printsecurity

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, 11×17 , 12×18 , 4×6 , 5×7 , 5×8 , 10×15 , and 10×10^{-2} are the statement of the statemen
rint Resolution	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		8k, 16k, envelope #9, Envelope #10, Envelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Officio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Officio, 1 x 32, 33, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10
Print Technology	Laser	Media Sizes Custom	x 17, 12 x 18, 8k, 16k
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	read 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-
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—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. 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 of freed only by HP. Accelerate workflow, improve accuracy, and easily connect		down output bin; DuplexOptions: Automatic (standard); AutoDocumentFeederCapacity: Standard, 250 sheets; EnvelopeFeeder: No; StandardPaperTrays: 3; InputCapacities: Up to 520 sheets; Output
		What's in the box	Capacities Up to 500 sheets; Up to 40 envelopes X3A78A 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 Qyan 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 : 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., p.cl., .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	Fonts and Typefaces	user manuals
Scan Speed	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
	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 Bit depth / Gravscale levels	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
<u> </u>	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-Pick 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 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2003/2003R2 (2008 R2)
Copy Speed	Black (letter): Up to 22 cpm; Color (letter): Up to 22 cpm		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
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 SP
Copier Resize	25 to 400%		Terminal Services, 32- and 46-bit], Cirtix XenDesktop 7.07.5 (for Windows Server 2012 and 2012 RZ Terminal Services, 64-bit), Novell NetWare 6.5/SPB Novell Clottes www.novell.com/print, Novell Print Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nov Servers www.novell.com/print), Windows Server 2003/2003 R2 32-64-bit (SP1/SP2) Standard/Enterprise (Patacenter 1 - Cluster & Terminal Services), Windows Server 2003/2003 R2 32-64-bit (SP1/SP2), Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 32-64-bit (SP1 Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit (SP1 SP2), SP2) Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit (SP1/SP2) Standard/Enterprise (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit R2 64-bit Standard/Enundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit R2 64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit R2 64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit R2 64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit R2 64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit R2 64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit R2 64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit R2 64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit R2 64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), Windows Server 2008 R2 32-f64-bit R2 64-bit Standard/Foundation/Essentials/Datacenter (* Cluster & Terminal Services), W
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; ob 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 ²		
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi		
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 Pelling Supported: Yes; Goll 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; Telephone Handset Supported: No	Minimum System Requirements	2016/64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services) 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	Power Supply Type: Internal (Built-in) power supply: Power Requirements: Input voltage: 110 to 127Va (+/- 109%), 220 to 240Vac (+/- 109%), 50/60 Hz (+/- 39%). ⁶
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	Acoustics	Acoustic Power Emissions: 6.3 B(A), printing color simplex A4 at 22 ppm; Acoustic Pressure Emissions: 48 dB(A), printing color simplex A4 at 22 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; Storag
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 Humidity 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, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos
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 Plug-in ⁴	Accessories	Authentication; Support for WJA-10 Psec Configuration using Psec Plug-in 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
Memory	Standard: 6 GB; Maximum: 6 GB		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, Job
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-Lob Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		Separator WG Y1G15A, Tray Heater Y1G22A, 2nd exit Y1G23A, Spacer Y1G24A, Hole Punch 2/f V1G11A, Hole Punch 2/f V1G11A, Hole Punch 2/f V1G11A, Hole Punch 2/f V1G11A, Hole Punch Swedsh Y1G12A, D010 CAC Card Reader CC54S - Classified Card Reader F68B30A, FiH USB Foreign Interface Harness B5L31A, Two internal USB solutions B5L28A, HD0 HP Secure High Performance Hard Disk Drive B5L29A, HP D01Fixed USI Wireless Print Server With NFC 180F30A, HPAC Card F
Duty Cycle	Monthly, letter: Up to 300,000 pages		HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax 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 LaserJet E778xx
Media Types Supported	Plain, HP EcoEFICIENT, IF 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 11-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, Cardstock 176-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored		MFP Managed, USIPAE - IF 3 y Next Business Day Service wild receive Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 3 y Next Business Day Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 4 y Next Business Day Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 5 y Next Business Day Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 3 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Claser Jet 1770xx MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770xx MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770x MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770x MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770x MFP Managed; USIPAE - IF 4 y 4 hour 9x5 Service wiDefective Media Retention for Color Laser Jet 1770x MFP Managed; USIPAE - IF 4 y 170x MFP MANAGED - IF 4 y 170x MF
		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, driver, and document complexity. ⁴ Optional Wireless Direct and Wireless Direct and



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 modem port Standard Memory:Standard: 6 GB; Maximum: 6 GB Mobile Printing Capability:SNMPV3, SSL/TLS, WPA2-Etherprise, 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)











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 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.

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 that/http://www.hp.com/go/printersceruityclaims ² Requires an internet connection to the printer. Services may require registration. Ap availability varies by country, language, and agreements. For details, see http://www.hp.com/go/printersceruityclaims in the printer of the printer of the printer of the service of

HP Color LaserJet Managed MFP E77825dn Specifications Table

	et Manageu MFP E7 7625un Specifications	Media Weight Supported	7
Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	Media Sizes 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 ³	meula sizes supporteu	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, 88, 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 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 5.83 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 Technology	Laser		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-down output bin; DuplexOptions: Automatic (standard); AutoDocumentFeederCapacity: Standard,
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible		250 sheets; EnvelopeFeeder: No; StandardPaperTrays: 3; InputCapacities: Up to 520 sheets; Output
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 let MPP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and uttimately, 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 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	Capacities: Up to 500 sheets; Up to 40 envelopes X3A61A Engine; TCU; Drums; Assy-Color WG Nameplate and Labet; 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
		Product Dimensions Product Weight	Wx Dx H : 22.3 x 28.5 x 34.6 in; Maximum : 47 x 50 x 30.5 in 176.92 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, 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 support options in your region.
C . T . /T . L . L	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 / Platen Scanner CCD Digital-CIS		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 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 (.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
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	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)	companie 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), Linx 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
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 Straighten; Auto Crop To 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 2008 R2 5P1, Citrix on Windows Server 2008/2013R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2012/2013R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0 (Feature Pack 2.8.3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 5.0
Copy Speed	Black (letter): Up to 25 cpm; Color (letter): Up to 25 cpm		[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 600×600 dpi; Up to 1200×1200 dpi; Color (text and graphics): Up to 600×600 dpi		Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Litrix XenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Litrix XenDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Litrix XenDesktop 5.6 [7.07.5 [for Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit], Citrix XenDesktop 5.6 [7.07.5 [for Windows Server 2012 and 2012 Terminal Services, 64-bit], Novell Nerbesktop 7.07.5 [7.07.5 [for Windows Server 2012 and 2012 Terminal Services, 94-bit], Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 To 17.5 [7.07.5 [7.07.5 [7.07.5]] Services www.novell.com/print), Windows Server 2003 7.03 R2 32-b64-bit (SP1) [57.5 [7.07.5]] Standard/Enterprise (- Lutser & Terminal Services), Windows Server 2008 7.03 R2 32-b64-bit (SP1) [57.5 [7.07.5]] Standard/Enterprise (- Lutser & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (- Lutser & Terminal Services), Windows Server 2008 R2 32-b64-bit (SP1) [57.5]] Standard/Enterprise/Datacenter (- Lutser & Terminal Services), Windows Server 2008 R2 32-b64-bit (SP1) [57.5]] Standard/Enterprise/Datacenter (- Lutser & Terminal Services), Windows Server 2008 R2 32-b64-bit (SP1) [57.5]] Standard/Enterprise/Datacenter (- Lutser & Terminal Services), Windows Server 2008 [57.6 [7.07.5]] Standard/Enterprise/Datacenter (- Lutser & Terminal Services), Windows Server 2008 [57.6]]
Maximum Number Of Copies	Up to 999 copies		
Copier Resize	25 to 400%		
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		
Fax Speed	Up to : 33.6 kbps; Letter : 3 sec per page ²		
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 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;	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	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	2 in Speed GB 2 in GBs.; in Fage GB 2 is device, 1 digadit Ethernet 10/100/10001 network, 1 Hardware Integration Pocket; 1 Fax modern port Standard (built-in Gigabit 10/100/1000T Ethernet)	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
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)		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: SMMPv3, 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
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 Plug-in ⁴	Accessories	Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punc Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Booklet F
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 Duty Cycle	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. Monthly, letter. Up to 300,000 pages		Separation with Tristy, Tray Real Hinzez, Zin Deur Hinzesh, Space Hinzesh, Pober Pullar 1275 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, DOD CAC Card Reader CCS43B, Sit- Classified Card Reader F8B30A, Fill LSB Foreign Interface Harness BSL31A, Two Internal USB por solutions BSL2BA, HDD HP Secure High Performance Hard Disk Prive BSL2BA, HP Jeditizer USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Read HIPI CZ20BA, HPAC Card Reader - HIPI X3003A, HPAC Card Reader - HIP2 X3003A, Analog Fax Accessory CC487A
Recommended Monthly Page Volume		HP Service and Support Options	U9LP3E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E778xx
Recommended Monthly Page Volume Media Types Supported	Plain, HP EccEFLCIENT, 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, Cardstock 176-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored		MFP Managed; USI-P4E - IH 3 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P5E - IH 9 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P5E - IH 9 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P7E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Claser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; USI-P8E - IH 9 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed;
		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.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, driver, and document complexity. ⁴ Optional Wireless Direct and Wireless Direct an



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.



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, PreShared 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

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 30 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.

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/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/printersecurityclaims ³ Measured using ISQ/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

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
rint 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	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11×17 , 12×18 , 4×6 , 5×7 , 5×8 , 10×15 ,
rint Resolution	sec color ³ Black (best): Up to 1200 x 1200 dpi reduced speed; Color (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 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 11.69
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	X3A84A 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 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 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.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, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, Ps, Print Ready files (.prnpclcht)	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 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
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to		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.)
	sFTP; Send to LAN Far; Send to Internet Far; 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 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 2008/2020R2 R2 5P1, Citrix on Windows Server 2012/2012 R2, Citrix Presentation Server 4.0/45, Citrix Xengp 5.0 (Plus
Copy Speed	Black (letter): Up to 30 cpm; Color (letter): Up to 30 cpm		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 600×600 dpi; Up to 1200×1200 dpi; Color (text and graphics): Up to 600×600 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; booklet; ID Scara; bob bluid; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Appliance v1.0. Novell Open Enterprise Server 11/5P1, Novell Open Enterprise Server 2 for Linux, Servers www.novell.com/print), Windows Server 2003/2003 R 2.3 -/64-bit (SP1/SP2). Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R 2: (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R 2: 64-bit (SP1). Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R 2: 64-bit (SP1).
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 2012/2012
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
ax 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	2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services) PC: 2 GB available hard disk space; OS hardware requirements see microsoft.com; MAC: 1.3 GB available
	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	hard drive space; Internet; OS hardware requirements see Apple.com for more info Power Supply Type: Internet (Builti-in) power supply: Power Requirements: Input voltage: 110 to 127Vac (+/- 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 A4 at 30 ppm; Acoustic Pressure Emissions. 51 dB(A), printing color simplex A4 at 30 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; Storage
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 Humidity
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.	Security Management	Range. 20 to 80% RH: Recommended Humidity Operating Range. 20 to 80% RH Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 80.2.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,		Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in
	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 HCI WG Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G03A, Inner Finisher Hole Punch Swedsh Y1G04A, Staple/Stacker Finisher Y1G18A, Booklet Finisher
Memory	Standard: 6 GB; Maximum: 6 GB		Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Job
Processor Speed	1.2 GHz, / Harrd disk: One 320 GB Standard, embedded HP High-Performance Secure Hard Disk: AES 256 hardware encryption or greater; Secure erace 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.		Separator WG Y1G15A, Tray Heater Y1G2ZA, 2nd exit Y1G23A, Spacer Y1G2AA, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, DOD CAC Card Reader CC543B, SIPRN - Classified Card Reader F6830A, Filt USB Foreign Interface Harness B51.31A, Two Internal USB ports f solutions B512BA, HDD PH Secure High Performance Hard Disk Drive B51.20A, FIP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader HPI CZ20BA, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A
Duty Cycle Recommended Monthly Page Volume	Monthly, letter: Up to 300,000 pages		
lecommended Monthly Page Volume	-	HP Service and Support Options	U9LP3E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E778xx
лана , урсэ эцүроп teu	Plain, HP ECDEFICIENT, HP Matte 90g, Light 60-74g, Bond, Revycled, HP Matte 105g, HP Motte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGossy 96-110g, Hey Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHVGGlossy 131-175g, HP Matte 200g, Cardstock 176-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored		MFP Managed; UJLP4E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; UJLP5E - HP 4 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; UJLP6E - HP 5 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; UJLP7E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; UJLPBE - HP 4 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed; UJLPBE - HP 4 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E778xx MFP Managed;
		Learn more at	
		Ecamole at	

Learn more at

hp.com

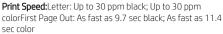
¹ No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)² Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17³ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁴ Optional Wireless Direct and Wireless Direct and



HP Color LaserJet Managed Flow MFP E77830z



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 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, 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)















- 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 30 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 guickly 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/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/printersecurity-claims by country, language, and agreements. For details, see http://www.hp.com/go/printersdaims. 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 (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 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	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	11.4 sec color ³ Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed	•	Na, 15K, eventione #9, Erobic pet #10, Erovelope Monarch, Tray 2: Letter, Letter R, Legal, Executive, Statement, Officio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Officio, 4 x 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Officio, 1 x 17, 12x 18, 84, 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		sheet face-down output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity. Standard, 250 sheets; Erwelope 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	X3A83A Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support fivers (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	WxDxH : 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. So 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)
	RTE (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MIFF, WPS, 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 (pm, pd, 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) $^{9}\textbf{Duplex}$ 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 32-8 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 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; Nuto Color Sense; Auto Corp To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	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 (Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 Server 2008
Copy Speed	Black (letter): Up to 30 cpm; Color (letter): Up to 30 cpm		Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5.6 [for Windows Server 2008
Copy Resolution	Black (text and graphics): Up to 600×600 dpi; Up to 1200×1200 dpi; Color (text and graphics): Up to 600×600 dpi		RZ Terminal Services, 32- and 64-bit]. Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 RZ SP Terminal Services, 32- and 64-bit]. Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 RZ Terminal Services, 64-bit]. Novell NetWare 6.5/5P8 Novell Clients www.novell.com/piprint, Novell Prarti.
Maximum Number Of Copies	Up to 999 copies		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novel 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-b
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; obb bild; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		(SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-64. Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64- (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server R2 64-bit Standard/Foundation/Sespantials/Datacenter (+ Cluster & Terminal Services), Windows Server R2 64-bit Standard/Foundation/Sespantials/Datacenter (+ Cluster & Terminal Services), Windows Server R2 64-bit Standard/Foundation/Sespantials/Datacenter (+ Cluster & Terminal Services), Windows Server R2 64-bit Standard/Foundation/Sespantials/Datacenter (+ Cluster & Terminal Services), Windows Server R2 64-bit Standard/Foundation/Sespantials/Datacenter (+ Cluster & Terminal Services), Windows Server R2 64-bit Standard/Foundation/Sespantials/Datacenter (+ Cluster & Terminal Services), Windows Server R2 64-bit Standard/Foundation/Sespantials/Datacenter (+ Cluster & Terminal Services), Windows Server R2 64-bit Standard/Foundation/Sespantials/Datacenter (+ Cluster & Terminal Services), Windows Server R2 64-bit Standard/Foundation/Sespantials/Datacenter (+ Cluster & Terminal Services), Windows Server R2 64-bit Standard/Foundation/Services
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; 05 hardware requirements see microsoft.com; MAC: 1.3 GB availab hard drive space; Internet; 05 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: Ves (poll to receive only); Fax Relephone Mode	Power	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Va (+/- 109k), 220 to 240Vac (+/- 109k), 50/60 Hz (+/- 39k). ⁵ 0
	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	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 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 Temperature Range. 14 to 104°F; Non-Operating Humidity Range. 10 to 80% RH; Operating Humidity
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 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 WIA-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 Y1G17A, Stapler/Stacker Finisher Y1G17A, Job Separator WG Y1G15A, Tray Heater Y1G2A, 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 fr
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 John 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 Lodin Geolden Poddown, 1030 Forlegn Interface Haire Bolds The Work BSL29A, HD Jet Direct USB Wireless Print Server J8031A, HP Jet Direct Wireless Print Server with NFC J8030A, HPAC Card Reader – HIP1 X3D03A, HPAC Card Reader – HIP1 X3D03A, 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
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
			Retention for Color LaserJet E778xx MFP Managed; U9LP6E - HP 5 yr Next Business Day Service
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, XHvyGlossy 131-175g, HP Matte 200g, Cardstock 176-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored		w/Defective Media Retention for Color Laser/let F778xx MFP Managed; U9LP7E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser/let F778xx MFP Managed; U9LP8E - HP 4 yr 4 hou 9x5 Service w/Defective Media Retention for Color Laser/let F778xx 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 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 Direct and



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.



PrintSpeed: 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 LaserJet 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.

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.co agreements. For details, see http://www.hpconnected.com ³ 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

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 b
Print Speed	Letter : Up to 40 ppm black; First Page Out : As fast as 7 sec black; ²	Media Sizes Supported	Tray 1: Letter, Letter R, Le
Print Resolution	Black (best): Up to 1200×1200 dpi reduced speed		8k, 16k, envelope #9, En Statement, Oficio, 4 x 6, 5
Print Technology	Laser		Tray3: Letter, Letter R, Le
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.5 to 12.5
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Daner Handling	18 in
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	Paper Handling	100-sheet multi-purpose sheet face-down output l Standard, 250 sheets; En sheets; Output Capacities
	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	X3A69A Engine; TCU; Dru Hardware install and setu
	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 Ton
	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	WxDxH: 23 × 30.3 × 36.
	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. Extend
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: options in your region.
	Deployment Utility, HP Managed Printing Administration, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools,	Energy Efficiency Compliance	Energy Star; Blue Angel; E
	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 Gra illuminated Home button
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS		Integration Pocket; Exten
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi	Display Description	8.0-in (20.3 cm) touchscr
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 Mac OS Welcome Screen 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 fon
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),
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 Fedor (6.0, 7.0), Linux SUSE (13 Sierra, OS X 10.10 Yosem
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		(excluding RT OS for Table editions (excluding RT OS
Bit depth / Grayscale levels	24-bit / 256		Professional, etc.), Windo
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	Compatible Network Operating Systems	Citrix MetaFrame Present 2, and 3), Citrix on Windo SP1, Citrix on Windows Si Feature Pack 2 & 3) for W [for Windows Server 200
Copy Speed	Black (letter): Up to 40 cpm		Windows Server 2008 R2 Server 2012 and 2012 R2
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		R2 Terminal Services, 32- Terminal Services, 32- an
Maximum Number Of Copies	Up to 999 copies		Terminal Services, 64-bit Appliance v1.0, Novell Op
Copier Resize	25 to 400%		Servers www.novell.com, Standard/Enterprise/Data
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		(SP1/SP2), Standard/Enter Standard/Enterprise (+ Cl Standard/Enterprise (+ Cl (SP1/SP2) Standard/Ente
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page ¹		R2 64-bit Standard/Foun 2016/ 64-bit Standard/ E
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 di
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	hard drive space; Internet Power Supply Type: Internet
	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;	Acoustics	(+/- 10%), 220 to 240Vac Acoustic Power Emission:
Standard Connectivity	Telephone Handset Supported: No		Ernissions: 50 dB(A) print
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	Operating Environment	Operating Temperature R Temperature Range: 14 t Range: 20 to 80% RH; Re
Network Capabilities Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SN
Wireless Capability	Standard (built-in Gigabit 10/100/1000T Ethernet)	Jesuny management	EAP-TLS), IPP over TLS, IF
vvii eless 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 f
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		Department Y1G21A, 301 Hole Punch 2/3 Y1G02A, Y1G04A, Stapler/Stacker
Memory	Standard: 7 GB; Maximum: 7 GB		Booklet Maker Staples Y1 Y1G11A, Hole Punch Swe
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-Polary Job Files, Secure Frase-Polsot, Secure ATA Erase-Disk). Note: U.S. government SkU uses 500GB FIPS 140-2 validated hard disk instead.		CC543B, SIPRNet - Classi internal USB ports for sol JetDirect USB Wireless Pr Card Reader - HIP1 CZ20i Analog Fax Accessory CC4
Duty Cycle	Monthly, letter: Up to 300,000 pages	HP Service and Support Options	U9LR0E - HP 1 year Next
Recommended Monthly Page Volume Media Types Supported	Up to 100,000 Plain, IP EcoEFICIENT, IP Matte 90g, Light 60-74g, Bond, Recycled, IP Matte 105g, IP Matte 120g, IP Soft Gloss 120g, IP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WitGlossy 96-110g, Hwy Glossy 111-130g, IP Matte 150g, IP Glossy 150g, Extra Heavy 131-175g, XrhvyGlossy 131-175g, IP Matte 200g, IP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 265-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Erwelope, Heavy		Managed; U9LR1E - HP 3 E825xx MFP Managed; U Laser Jet E825xx MFP Ma Retention for Laser Jet E8 Media Retention for Lase w/Defective Media Retent

Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)		
Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Offici, 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, Officio, 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, Officio, 11 x 17, 12 x 18, 8k, 16k		
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		
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 sheets; Up to 40 envelopes		
What's in the box	X3A69A 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		
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	Energy Star; Blue Angel; EPEAT silver		
Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button for quick vetum to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket; Extended Reyboard		
Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)		
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 manuel.		
Fonts and Typefaces	84 scalable TrueType fonts		
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 (5.0, 7.0), Linux SUSE (13.2, 42.1), Linux Ubunt (12.04, 14.04, 15.10, 16.04, 16.10, 0.5 macOS 10.12 Sierra, 0.5 X 10.10 Yosemite, 0.5 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 all 32- & 64-bit editions (Whother Sun		
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 2003/2008.2, Citrix on Windows Server 2003/2008.2, Citrix on Windows Server 2008 2008.2, Citrix on Windows Server 2008 2008.2, Citrix One Server 2008 2, Citrix MetaFrame Services 3.2 and 64-bit, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 R2 Ferminal Services, 32- and 64-bit, Citrix XenApp 6.0 (6.5) 7.5 [for Windows Server 2008 R2 Ferminal Services, 32- and 64-bit), Citrix XenApp 6.0 (6.5) 7.5 [for Windows Server 2008 R2 Server 2012 and 2012 R2 Terminal Services, 32- and 64-bit), Citrix XenApp 5.0 [for Windows Server 2008 R2 Server 2012 and 2012 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6 [7.0 /7.5 [for Windows Server 2008 R2 Server 2008 R2 Services, 32- and 64-bit), Citrix XenDesktop 5.6 [7.0 /7.5 [for Windows Server 2008 R2 Services, 32- and 64-bit), Citrix XenDesktop 5.6 [7.0 /7.5 [for Windows Server 2008 R2 Services, 32- and 64-bit), Citrix XenDesktop 7.0 [7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 7.0 [7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 32- and 64-bit, Citrix XenDesktop 7.0 [7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 32- and 64-bit, Citrix XenDesktop 7.0 [7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 32- and 54-bit Services, Vindows Server 2008 1.2 [64-bit Services, Vindows Server 2008 R2 64-bit Services, Vin		
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	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Vac (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%)		
Acoustics	Acoustic Power Emissions: 6.6 B(A) printing mono simplex using A4 paper at 40 ppm; Acoustic Pressure Emissions: 50 dB(A) printing mono simplex using A4 paper at 40 ppm		
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;		
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 Authentication; Support for WIA-10 IPsec Configuration using IPsec Plug-in		
Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HCI Department Y1G20A, Inner Finisher HOLD Department Y1G20A, Inner Finisher Hole Punch X13 Y1G02A, Inner Finisher Hole Punch Z14 Y1G03A, Inner Finisher Hole Punch X16 Y1G03A, Inner Finisher Hole Punch X1604A, Stapler/Stacker Finisher Staples Y1G13A, Inner Finisher X1607A, Hole Punch Z14 Y1G13A, Hole Punch Z14A, Ho		
HP Service and Support Options	U9LR0E - HP 1 year Next Business Day Service w/Defective Media Retention for Laser let E825xx MFP Managed; U9LR1E - HP 3 year Next Business Day Service w/Defective Media Retention for Laser let E825xx MFP Managed; U9LR2E - HP 4 year Next Business Day Service w/Defective Media Retention for Laser let E825xx MFP Managed; U9LR3E - HP 5 year Next Business Day Service w/Defective Media Retention for Laser let E825xx MFP Managed; U9LR3E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Laser let E825xx MFP Managed; U9LR3E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Laser let E825xx MFP Managed; U9LR3E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Laser let E825xx MFP Managed; U9LR3E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Laser let E825xx MFP Managed		

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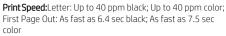
1 Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.17 ² Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ³ Optional Wireless Direct and Wireless ⁶ 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/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. 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. 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/printerclaims. Exact speed varies depending on the system configuration, software application, and other factors. For details see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application of the system configuration, software application of the system configuration and other factors. For details see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration in the system configuration and other factors. For details see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration in the system configuration software.



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 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 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
- 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/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/printersecurityclaims ³ Measured using ISQ/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

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; First Page Out : 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 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 8,10 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 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)		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 sheet face-down output bin; Duplex Options: Automatic (standard); Auto Document Feeder Capacity:
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		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 LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and day out.	What's in the box	X3A87A 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 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 54,500) W90S0MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 52,000) W90S1MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 52,000) W90S2MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 52,000) W90S3MC ⁷
	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	Product Weight	249.3 lb
	Template, Add Print Model to Comments, AutoLlogradeUPD, 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 suppor 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		Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display;
Scan File Format	Hardware: Up to 600 x 600 dpi; Optica l: Up to 600 x 600 dpi 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
Scan Input Modes	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 Size	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 OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online
	ADF : 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed : 11 x 17 in	Fonts and Typefaces	user manuals
Scan Speed	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) 9 Duplex : Up to 180 ipm (b&w), up to 180 ipm (color)	Compatible Operating Systems	84 scalable TrueType fonts 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 10.12
Bit 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
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to s-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; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	Compatible Network Operating	(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.) Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1
Copy Speed	Black (letter): Up to 40 cpm; Color (letter): Up to 40 cpm	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
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		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
Maximum Number Of Copies	Up to 999 copies		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
Copier Resize	25 to 400%		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
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; lob bildi; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Terminal Services, 64-bit] Novell NetWare 6.5/SPB Novell Clients www.novell.com/iprint, Novell iPrint Appliance v10, Novell Open Enterprise Server 17/SPI, Novell Open Enterprise Server 27/SPI, Novell Open Enterprise Server 27/SPI, Novell Open Enterprise Server 27/SPI (2014) Reserves www.novell.com/iprint), Windows Server 2003/2003 R2 32-bit-04-bit (SPI SPI) Standard/Enterprise/Datacenter (* Cluster & Terminal Services), Windows Server 2003 82-64-bit (SPI SPI Standard/Enterprise) (* Cluster & Terminal Services), Windows Server 2003 82-64-bit (SPI SPI SPI Standard/Enterprise) (* Cluster & Terminal Services), Windows Server 2003 82-64-bit (SPI SPI SPI SPI STANDARD SPI
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 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 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/Datacente (+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluste & 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 available hard drive space; Internet; OS hardware requirements see Apple.com for more info
Standard Connectivity	Telephone Handset: Jappontec. Wo 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 127Ve (+/- 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 Pressure
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Operating Environment	Emissions: 49 dB(A) printing color simplex using A4 paper at 40 ppm
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.	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 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,
Memory	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 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 1402-2 validated hard disk instead.	Accessories	HP Cabinet Department Y1616A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HCI Department Y1621A, 3000 Sheet HCI Department Y1620A, inner Finisher Y1600A, Inner Finisher HGI Department Y1620A, Stappler/Stacker Finisher Staples Y1614A, Inner Finisher X1620A, Stappler/Stacker Finisher Staples Y1614A, Inner Finisher X1620A, STAPP,
Duty Cycle	Monthly, letter: Up to 300,000 pages		Booklet Maker Staples Y1G13A, Booklet Finisher Y1G07A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4
Recommended Monthly Page Volume	Up to 40,000		Y1G11A, Hole Punch Swedish Y1G12A, Job Separator Department Y1G01A, DDD CAC Card Reader CC543B, SIPRNet - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness B5L31A, Two
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, Hewy 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, HP Glossy 200g, Carstbo (156ys) 150g, Extra Heavy 131-175g, ZHvyGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Carstbo (156ys) 150g, Extra Card Glossy 176-220g, Light Paperboard 221-255g,	UD Carries and Correct Only	internal USB ports for solutions BSL28A, HDD HP Secure High Performance Hard Disk Drive BSL29A, JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPA Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A
	Mattle Zoug, In Fuge Joseph Zeles (Latisute 176-220g, Call study 176-220g, Light Poperboard 257-259g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored	HP Service and Support Options	USLSTE - HP 1 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLSSE - HP 3 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLSSE - HP 4 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLTGE - HP 5 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLTGE - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLTGE - HP 4 yr 4 hou 9x5 Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLTGE - HP 4 yr 4 hou 9x5 Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLTGE - HP 4 yr 4 hou 9x5 Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLTGE - HP 4 yr 4 hou

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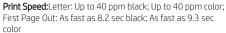
¹ Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17 Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. 3 Optional Wireless Direct and wireless Direct Di



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 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 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 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/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/printerscalms. 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 (black-and-white, grayscale, and color). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance and annification software.

HP Color LaserJet Managed Flow MFP E87640z Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan (fax and wireless optional) / Yes	
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	
rint Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed	
rint Technology	Laser	
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	
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 1H Color Laser Jet MFP built to make your work—and your business—look its best. Annoying interruptions and complex maintenanc 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 no reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security on help keep your network safe. Automatically monitor threats, detect intrusions, and validate opening 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 MFP designed for maximum productivity.	
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, PRNCON.EXE, HPPRLOG, Migrate-Server-Tool UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web Letadmin (HP SNMP Proxy, Agent); HP WS Pro Proxy, Agent); HP JetAdvantage Security Manager	
Scan Type / Technology	Flatbed, ADF / Platen Scanner CCD Digital-CIS	
Scan Resolution	Hardware : Up to 600 × 600 dpi; Optical : Up to 600 × 600 dpi	
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 (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF (OCR), Searchable PDF, DCR), Searchable PDF (OCR), Searchable PDF, PS, Print Ready files (,prn, ,pcl, ,cht)	
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	
Scan Size	ADF : 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; Flatbed : 11 x 17 in	
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 24 ipm (color)	
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB	
Bit depth / Grayscale levels	24-bit / 256	
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 Straighten; Auto Crop To Page	
Copy Speed	Black (letter): Up to 40 cpm; Color (letter): Up to 40 cpm	
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%	
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	
ax Speed	Up to : 33.6 kbps; Letter : 3 sec per page ¹	
ax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dp	
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 TAV Interface Supported: No: Fax Polling Supported: Yes foult to receive only): Fax Helphone 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	
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	
letwork Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	
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.	
Mobile Printing Capability	Yes ³	
Memory	Standard: 7 GB; Maximum: 7 GB	
Processor Speed	1.2 GHz / Hard disk : Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk,Total 640GR, AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Fase-Job Data, Secure ATA Erase-Disk). Note: U.S. government Skl uses 500GB FIPS 140-2 validated hard disk instead.	
Outy Cycle	Monthly, letter: Up to 300,000 pages	
Recommended Monthly Page Volume	Up to 40,000	
Media Types Supported Plain, HP Ecc6FIGENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WiGlossy 96-Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-Matte 200g, HP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Lard Glossy 176-220g,		

Media Weight Supported	Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index)
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 #10, Envelope #10, Envelope Monarch; Tray3: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 8k, 16k
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
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 bir; Duplex Options : Automatic (standard); Auto Document Feeder Capacity . Standard, 250 sheets; Envelope Feeder : No; Standard Paper Trays : 3; Input Capacities : Up to 520 sheets; Optiont Capacities : Up to 500 sheets; Up to 40 envelopes
What's in the box	X3A86A 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	WxDxH : 23 x 30.3 x 36.7 in; Maximum : 47 x 66 x 30.5 in
Product Weight	290.2 lb
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	Energy Star; Blue Angel; EPEAT silver
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; Extended Keyboard
Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)
Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Max OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
onts and Typefaces	84 scalable TrueType fonts
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, 24.1), 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 Elapitan, UNIX, Windows 10 all 32-& 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-& 864-bit editions, Windows 8/8.1 all 32-& 64-bit editions (excluding RT OS for Tablets), Windows Vist all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
yystems	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 Persentation Server 4,014.5, Citrix KenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 Citrix Persentation Server 4,014.5, Citrix KenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit, Citrix KenApp 6.0/6.5/7.5, [for Windows Server 2012 and 2012 R2 Terminal Services, 32- and 64-bit, Citrix KenApp 5.0, [for Windows Server 2012 and 2012 R2 Terminal Services, 32- and 64-bit, Citrix KenDestops 5.6, [for Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit, Citrix KenDestops 5.6, [for Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit, Citrix KenDestops 5.0/7.5, [for Windows Server 2012 R2 SP Terminal Services, 40-bit) Devolt Nevel Nevel Services, 40-bit, Overoll Nevel Nevel Nevel Nevel Plant Appliance v1.0, Novell Open Enterprise Server 11/5P1, Novell Open Enterprise Server 2012/2003 R2 32-fd-bit (SP15/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2008 32-64-bit (SP2 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-64-bit (SP2 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 82-764-bit (SP2 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 82-764-bit (SP2 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 82-764-bit (SP2 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 82-81 tit SP3 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 82-81 tit SP3 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 82-81 tit SP3 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 82-81 tit SP3 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 82-81 (SP3 Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2008 82-81 (SP3 Standard/Enterprise/Datacenter
linimum 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	Power Supply Type: Internal (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Va (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); 5
Acoustics	Acoustic Power Emissions: 6.5 B(A) printing color simplex using A4 paper at 40 ppm; Acoustic Pressure Emissions: 49 dB(A) printing color simplex using A4 paper at 40 ppm
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;
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 Authentication, Support for WIA-10 Psec Configuration using IPsec Plug-in
Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F9BA, 2000 Sheet HCI Department Y1G2A, 3000 Sheet Side HCI Department Y1G2A, Inner Finisher Y1G0A, Inner Finisher Hole Punch Seven Finisher Y1G0A, Inner Finisher Hole Punch Seven Finisher Y1G10A, Inner Finisher Staples Y1G14A, Did Punch 2/4 Y1G11A, Hole Punch 2/4 Staples Y1G14A, DOD CAC Card Reader CC543B, SIPRNet - Classified Card Reader F8830A, FIH USB Foreign Interface Harness BSL31A, Two Internal USB ports for solutions BSL28A, HO PS Secure High Performance Hard Disk Drive BSL29A, H JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader - HIP1 CZ20BA, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory (C4BA).
HP Service and Support Options U9LS7E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color La MFP Managed; U9LS8E - HP 3 yr Next Business Day Service w/Defective Media Retent Laser Let E876xx MFP Managed; U9LS9E - HP 4 yr Next Business Day Service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - HP 5 yr Next Business Sa w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - HP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx MFP Managed; U9LT1E - MP 5 service w/Defective Media Retention for Color Laser Let E876xx	

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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.17 ² 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 ⁶ 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 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 (C/M/Y) and 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 ⁸ Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.



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.5
- Print Microsoft® Word and PowerPoint® files with a USB port that quickly recognizes, formats, and prints.
- 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-validate software integrity in a reboot. For a list of printers, visit hp.com/go/PrintersThatProtect. For more information: http://hp.com/go/printerscurityclaims. 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 A 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/go/gagewideclaims. ⁵ Comparison of HP PageWide A3 devices with leading in-class color ink/laser MFPs (\$3,000-511,299 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/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

Functions / Multitasking Supported	Print, copy, scan, fax; / Yes	Paper Handling	550-sheet Tandem Input Tray; 100-sheet multi-purpose tray; 500-sheet face-down output bin; Duplex
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 ⁶		Options: Automatic (standard) 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 Tray Output Capacities: Up to 50 sheets; Up to 50 envelopes; None.
Print Resolution	Black (best): Up to 1200 x 1200 o ptimized dpi from 500 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Mattel): 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	Y3260A HP PW Managed Color MFP P7744Odn; HP Setup Ink Cartridges (yield after setup ~16000 pages CMY and ~20000 K); installation guide, Support flyer; documentation on CD-ROM; Power cord
Print Technology	HP PageWide Technology with pigmented inks	Replacement Cartridges	HP 992XC Black Contract PageWide Cartridge (~22,000 pages) MOK30XC; HP 992XC Cyan Contract
Print Resolution Technologies	HP PageWide Technology up to 1200 x 1200 optimized dpi from 600 x 600 input dpi		PageWide Cartridge (~16,000 pages) M0K07XC; HP 992XC Magenta Contract PageWide Cartridge
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Product Dimensions	(~16,000 pages) MOK11XC; HP 992XC Yellow Contract PageWide Cartridge (~16,000 pages) MOK26XC
Standard Print languages	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation, PJL, JPEG, PCLM	Product Weight	W x D x H : 23.8 × 23.8 × 26.2 in; Maximum : 50.0 × 40.4 × 37.3 in
Printer Smart Software Features	HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmin; HP ePrint, Apple	Warranty Features	146.9 lb ¹
	AirPrint ¹⁹¹ , 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, 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		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.
	print modes, Optional: wireless	Energy Efficiency Compliance Control Panel	ENERGY STAR® qualified; EPEAT® Gold
Printer Management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web Jetadmin Software; Printer	Display Description	4.3" CGD (Color Graphic Display), IR touchscreen for P77740dn series 4.3" CGD (Color Graphic Display), IR touchscreen for P77740dn series;
Scan Type / Technology	Administrator Resource Kit for HP Universal Print Driver 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
Scan File Format	Scan File Types supported by included software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich Text (.trlf), Searchable PDF (.pdf), Text (.txlf), TiFF (.tif)	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 Windows Vista 8 Fonts (Galbin; Cambria); 4 additional fonts olutions available via third-party flash
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	memory cards; HP Laser Jet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts 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 (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 50 ipm (mono and color), LEF* Duplex : Up to 35 ipm (mono and color), LEF*		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 flash drive, e-mail; see software section for more details.	Compatible Network Operating	(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.) Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1,
Bit depth / Grayscale levels	24-bit / 256	Systems	2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2
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		SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 8.3) 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 5.0/6.5/7.5 [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, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 32- and 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 SP1
Copy Speed	3		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 600×600 dpi; Up to 600×600 dpi; Color (text and graphics) : Up to 600×600 dpi		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novel Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ (Luster & Terminal Services), Windows Server 2003/2003 R2 32-bit
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, N or Z-ordering, content orientation, collation, booklet, ID Scan, job build, edge-to-edge, job storage		(SPI/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 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: 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, CD-ROM/DVD drive or Internet connection, USB port, Microsoft® Internet Explorer. Windows Vista®: 800
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 dp; Color (standard): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Color (standard): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Color (standard): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Color (standard): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Color (standard): C		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
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		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 1.2 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; Districtive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: No; Fax Telephone Mode Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000	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
	numbers (each with 210 destinations); PC Interface Supported : Yes, HP Software support provided; Remote Retrieval Capability Supported : No; Telephone Handset Supported : No	Acoustics	Acoustic Power Emissions: 6.6 B(A) (Printing color simplex A4 at 41 ppm)
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network	Operating Environment	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 63 to 77°F; Storage
Network Capabilities	Via HP Jetdirert Ethernet embedded print server (standard) supports: 10Base-T, 1000Base-TX, 1000Base-T, 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard)		Temperature Range: Before initial setup (Non-Purged): -40 to 140°F; 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 printel); Non-Operating Humidity Range: 10 to 80% RH; Operating
Wireless Capability	Optional, enabled with purchase of a hardware accessory		Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH
Mobile Printing Capability	HP ePrint; Apple AirPrint ¹⁹¹ ; Mopria ³⁰⁴ -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 Plugi in, 802.1X authentication (EAP-PEAP EAP-12), SNMP04, HTTPS, Certificates, Access Control List, HP
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		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), Encrypted Credentials; Device: Security lock slot, USB port disablement, HP Security Management:
Processor Speed	1.2 GHz / Hard disk: None (printer uses eMMC solid state drive (SSD)). Standard eMMC memory = 16GB, upgradeable to XXGB		Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs; For more security settings for HP JetAdvantage Security Manager go to http://h10032.www1.hp.com/ctg/Manual/c03602120
Duty Cycle	Monthly, letter: Up to 150,000 pages ⁷	Accessories	HP PageWide Managed 550-sheet Paper Tray P1V16A, HP PageWide Managed 550-sheet Paper Tray
Recommended Monthly Page Volum	e 2500 to 30,000		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 Module
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, Labets, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored, Bond, Recycled, Rough		W1B49A, HP Internal USB Ports B3L2BA, HP Foreign Interface Harness B5L31A, HP 1 GB x32144-pin (800 MHz) DDR3 500IMM E5K48A, HP Jetdirect 2900nw Print Server J8031A, HP Jetdirect 3000w NFC/Mireless Accessory J8030A, HP Laser Jet MFP Analog Fax Accessory 500 CC487A, HP Accessibility Assistant 2MU47A
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; U9VY1E
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; Ad73; 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; RA4; A4; 5 x 8; Double Japan Postcard Rotated; 16K: 197 x 273 mm, 195 x 270 mm, 184 x 260 mm;	Learn more at	HP 5 year Next Business Day Onsite
	Executive; B5 UIS; B6 UIS; S 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 Chou #3; Japanese Envelope - Hap Open; Envelope C5; Envelope #5; Envelope U1; 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 card; Japanese Postcard; Custom-sized media; Photo Media; 5 x 7 Photo Media; 4x6 Photo media; 10 x 15 cm; Japanese Postcard Hagalki Photo Cards.	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 measured using SO/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 printed pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP Color Laser/Jet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. ⁶ 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. ⁸ 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 delay setting, Wi-Fi disabled.

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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













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.
- 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
- $\bullet~$ 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 printing

- 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.
- 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.
- $\bullet \ \ \text{This MFP meets rigorous standards for ISO class 5 clean rooms} \\ --\text{perfect for sensitive environments}.$
- Help reduce your impact. Count on easy cartridge recycling at no charge through HP Planet Partners.
- 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://hp.com/go/PrintersThatProtect. For more information: http://hp.com/go/PrintersCurityclaims.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 iong-life consumables and assume 600.000 pages printed (using a 60% black/40% color ratio). Learn more at http://hp.com/go/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 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. ⁶ Program availability varies. For more information, visit http://hp.com/go/printsecurity. ⁶ Program availability varies. For more information is the house of the pageWide and the page with the page wit

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	Paper Handling	550-sheet Universal Input Tray; 100-sheet multi-purpose tray; 500-sheet face-down output bin; Duplex Options: Automatic (standard); Manual (driver support provided); Auto Document Feeder
Print Resolution	Out: As fast as 8 sec black; As fast as 8.3 sec color ^b 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)		Capacity: 0; Envelope Feeder: No; Standard Paper Trays: 2; Input Capacities. Up to 550 sheets Tandem Tray; Up to 100 sheets - MP Tray standard; Up to 10; None transparencies; Up to 1600 + 200 + 40 fr 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 envelope
Print Technology	HP PageWide Technology with pigmented inks		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 guide, 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	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation, PJL, JPEG, PCLM		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
Printer Smart Software Features	HP Trusted Platform Module; HP JetAdvantage Security Manager; HP Web Jetadmin; HP ePrint, Apple AirPrint™, HP Auto-On/Auto-Off technology, HP Color Access Control, HP EasyColor, Front-facing USB	Product Dimensions	Wx Dx H : 23.8 x 25.7 in x 30.4 in; Maximum : 50.0 x 40.4 x 41.5 in
	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	Product Weight	
	orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation dpi print modes, Optional: wireless	Warranty Features	181.5 lb ¹ 90 day parts only warranty
Printer Management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web Jetadmin Software; Printer	Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Gold
Scan Type / Technology	Administrator Resource Kit for HP Universal Print Driver 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;
Scan Resolution	Hardware: Up to 600 ppi; Optical: Up to 600 ppi		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware 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),
	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,	Fonts and Typefaces	Online user manuals
Scan Size	ADF: 11.7 x 34 in Maximum; 4 x 6 in Minimum; Flatbed: 11.7 x 17 in	ronts and Typeraces	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 LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfont
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	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
Bit 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
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; edge1-o-degi; job storage	Compatible Network Operating Systems	editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows YS PS 33 2-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, Citrix Presentation Server 4.0(4), Citrix XenApp 5.0 (Pk. Presentation Server 4.0(4), Citrix XenApp 5.0
Copy Speed	Color (A4): ³		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 600 x 600 dpi; Color (text and graphics): Up to 600		[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	x 600 dpi Up to 9999 copies		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
Copier Resize	25 to 400%		Terminal Services, 64-bit], Novell NetWare 6.5/SPB Novell Clients www.novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nov
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		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 (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2
Fax Speed	Up to : 33.6 kbps		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
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):	Minimum Cuntom Day disaments	(SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Serve 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®: 80
Fax Features	Fax Memony. 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 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 (each with 210 destinations); PC Interface Supported: Yes; HP Software support provided;		MHz processor G3-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 EI 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	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
No. of Contract	Hardware Integration Pocket		(off) ²
Network Capabilities	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)	Acoustics Operating Environment	Acoustic Power Emissions: 7 B(A) (Print color simplex A4 at 41 ppm)
Wireless Capability	Optional, enabled with purchase of a hardware accessory	operating Environment	Operating Temperature Range: 15 to 30°C; Recommended Operating Temperature: 17 to 25°C; Storag Temperature Range: Before initial setup (Non-Purged): -40 to 60°C; After initial setup (Purged): 0 to
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Google Cloud Print		60°C. 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
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	Security Management	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 Kerberos authentication, LDAP authentication, 2000 user PIN codes, Network: IPSec/firewall with
Processor Speed	1.2GHz	yy	Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IPsec configuration Plug in 802.1X authentication (EAP-PEAP, EAP-TLS). SNMPv3. HTTPS, Certificates, Access Control List, HP
Duty Cycle	Monthly, letter: Up to 150,000 pages ⁷		Trusted Platform Module (TPM) comes standard; Data: Storage Encryption, Encrypted PDF & Email
Recommended Monthly Page Volume	2500 to 30,000 ⁸		(uses FIPS 140 validated cryptographic libraries from Microsoft), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, HP Security Management:
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	Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in ArcSight and Splunk SIEMs; 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 Tra
Media Weight Supported	and Cabinet (P1V17A), HP I Tray 1: 60-220 gsm, 300 gsm Photo Paper Only; Trays 2-5: 60-220 gsm; HCl trays 3 & 4: 60-220 gsm PageWide Managed 4000 s		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; B4 (JIS); Legal; Oficio 216 x 340 mm; Oficio 8.5 x 13; C4; SRA4; RA4 – R; Arch A-R; A/4]; A4 – R; Letter – R; 16K; 197 x 273 mm – R, 195 x 270 mm – R; esecutive – R; A5 – R; 16K: 184 x 260 mm – R; B5 ULD; P. R; Arch A; Siatement; Letter; A44; A4; 5 x 8; Double Japan Postcard Rotated; 16K: 197 x 273 mm, 195 x 270 mm; 184 x 260 mm;		Module (W1B49A), I'P Internal USB Ports (BSL28A), HP Foreign Interface Harness (BSL31A), HP 1 GB x32 144-pin (B00 MHz) DDR3 SODIMM (ESK4BA), HP Jetdirect 2900nw Print Server (J8031A), HP Jetdirect 3000w NFC/Wireless Accessory (J8030A), HP Laser Jet MFP Analog Fax Accessory 500 (CC487A)
	Executive; BS (JIS); B6 (JIS); S 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 (Chou #3; Japanese Envelope - Flap Open; Envelope C5; Envelope #9; Envelope D1; Envelope Monarch;	HP Service and Support Options	U9VY9E - HP 3 year Next Business Day Onsite; U9VY0E - HP 4 year Next Business Day Onsite; U9VY1E HP 5 year Next Business Day Onsite
	Envelope C6; Cards; 5 x 8 Index card; Double Japan Postcard Rotated; 4 x 6 Index card; Double Japan	Learn more at	
	Postcard Rotated - R; A6 Index card; Japanese Postcard; Custom-sized media; Photo Media; 5 x 7 Photo	Ecaili illoic at	

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 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 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 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 delay setting, Wi-Fi disabled. ¹³ Normalized TEC (watt hours per page) BA: 0.388 Wh/Japae, ES: 0.383 Wh/Japae

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