

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<sup>®</sup> printer—without accessing the company network.<sup>3</sup>
- Print with the ease of sending an email, right from a smartphone, tablet, or notebook, using HP ePrint.<sup>8</sup>
- 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

<sup>&</sup>lt;sup>1</sup> 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/mobileprinting<sup>3</sup> Mobile device needs to be connected directly to the signal of a Wi-Fi Direct<sup>®</sup> 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<sup>®</sup> 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 <sup>5</sup> 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 <sup>5</sup> Measured http://www.hp.com/go/printerclaims <sup>6</sup> HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings. <sup>7</sup> 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 <sup>8</sup> Not all HP Web Jetadheiprinting <sup>8</sup> Printer requires ePrint account registration. App or software may be required. Learn more at http://www.hp.com/go/mobileprinting <sup>8</sup> Not all HP Web Jetadheiprinting <sup>8</sup> Not all HP Web Jetadheiprintintinting Security Comparison 1/2015) and Solutions Report on HP JetAdvantage Security

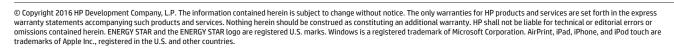
#### **HP LaserJet Pro M203dw Printer Specifications Table**

Print Speed	<b>Letter</b> : Up to 30 ppm black; <sup>10</sup> <b>First Page Out</b> : As fast as 6.6 sec black; <sup>12</sup>
Print Resolution	<b>Black (best)</b> : Up to 1200 x 1200 dpi
rint Technology	Laser
rint Resolution Technologies	HP FastRes 1200, HP ProRes 1200
Print Cartridges Number	1 Black
tandard 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
etwork Capabilities	10/100 Ethernet
letwork Ready	Standard (built-in Ethernet, Wi-Fi 802.11b/g/n)
/ireless Capability	Yes, built-in Wi-Fi 802.11b/g/n
Nobile Printing Capability	HP ePrint; Wi-Fi Directprinting; AirPrint1.5 with media presence sensor; Google Cloud Print $^{\! M}\!\! 2.0^9$
lemory	Standard: 256 MB; Maximum: 256 MB
Processor Speed	800 MHz / <b>Hard disk:</b> None
Outy Cycle	Monthly, letter: Up to 30,000 pages <sup>13</sup>
tecommended Monthly Page Volume	250 to 2,500 <sup>14</sup>
Media Types Supported	Paper (laser, plain, photo, rough, vellum), envelopes, labels, cardstock, postcards
Nedia Weight Supported	16 to 43 lb
Media 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, <b>Duplex Options</b> : Automatic (standard); <b>Envelope Feeder</b> : No; <b>Standard Paper Trays</b> : 1 main tray plus 10 she priority; <b>Input Capacities</b> : Up to 260 sheets; <b>Dutput Capacities</b> : Up to 150 sheets; Up to 150 sheet
What's in the box	<b>G3Q47A</b> HP LaserJet Pro M203dw Printer; HP Black LaserJet Toner Starter Cartridge of ~100 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; USE cable <sup>1</sup>
Replacement Cartridges	HP 30A Original Black LaserJet Toner Cartridge CF230A (~1600 pages); HP 30X Original Black LaserJet Toner Cartridge CF230X (~3500 pages); HP 32A Original LaserJet Imaging Drum CF232A (~23000 pages) <sup>8</sup>
Product Dimensions	<b>W x D x H</b> : 14.6 × 16 × 8.8 in <sup>2</sup> ; <b>Maximum</b> : 14.6 × 24.6 × 14.2 in
roduct Weight	15.2 lb <sup>3</sup>
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 Jet 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 X EI 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-thmit); 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) <sup>5</sup>
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

<sup>1</sup>HP 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 <sup>2</sup> Without trays and covers not extended <sup>3</sup> With print cartridges <sup>4</sup> Wi-Fi direct is only avaiable on M203dw bundle <sup>5</sup> 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. <sup>7</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. <sup>8</sup> 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. <sup>9</sup> HP Perint Printer requires epital exceptions. <sup>9</sup> 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. <sup>7</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting. Wi-Fi disabled. <sup>8</sup> Declared yield value in accordance with 150/IEC 19752 and continuous printing, Actual yields vary considerably based on measurement of 115 V device. <sup>7</sup> 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. <sup>8</sup> 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.<sup>2</sup>
- 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

<sup>1</sup> 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. <sup>2</sup> Connect printer/MFP to the network and complete customization through the Embedded Web Server. <sup>3</sup> 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 <sup>6</sup> 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 <sup>8</sup> Pin printing enabled via USB installed in rear of device. <sup>9</sup> 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. <sup>11</sup> Based on HP Interna

#### HP LaserJet Pro MFP M428fdn

#### Product walkaround

- 1. Dual-band Wi-Fi with Bluetooth® Low Energy<sup>1,2</sup> 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  $8.5 \times 14$  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  $8.5 \times 14$  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  $8.5 \times 14$  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) <sup>5</sup>	Up to 40/38 pages per minute (ppm) (both models)	Up to 40/38 pages per minute (ppm) (both models)
Scan speed (letter/A4) <sup>6</sup>	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 <sup>7</sup> )	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 <sup>9</sup> (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

<sup>1</sup> 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













<sup>&</sup>lt;sup>1</sup> 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<sup>2</sup> Connect printer/MFP to the network and complete customization through the Embedded Web Server. <sup>3</sup> 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 <sup>8</sup> First Page Out Black: / 6.3 sec; <sup>10</sup>	As fast as A4: Up to 38 ppm; Letter: Up to 40 ppm black <sup>8</sup> First Page Out Black: As fast as 6.3 sec; <sup>10</sup>		
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); <b>Black (fine lines):</b> Fine Lines (1200 x		
Print Technology	Laser; Print Resolution Technologies: HP FastRes 1200, HP ProRes12	Laser; Print Resolution Technologies: HP FastRes 1200, HP ProRes1200, 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); <b>Optical:</b> 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; <b>Flatbed:</b> $216 \times 297$ 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) <sup>14</sup> <b>Duplex:</b> 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;	MP, PNG, TIFF. Mac HP Easy Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, JPG-2000		
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 $600 \times 600$ dpi; Color (text and Graphics): Up to $600 \times 600$ 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	<b>Up to:</b> 33.6 kbps <sup>15</sup>			
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	Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes;	uto-Redialing: Yes; Fax Delayed Sending: Yes; Distinctive Ring Detection Supported: Yes; Fa: Fax Polling Supported: Yes (receive only); Fax Telephone Mode Supported: Yes; Junk Barrie um Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes, only for		
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 <sup>5</sup>		
Memory	Standard: 512 MB; Maximum: 512 MB			
Processor Speed	1200 MHz / <b>Hard disk:</b> No			
Duty Cycle	Monthly, A4: Up to 80,000 pages <sup>11</sup> Recommended Monthly Page Volume: 750 to 4000 <sup>12</sup>			
Paper Handling	to 250 sheets) standard; Up to 10 envelopes labels legal <b>Output Cap</b> a Automatic (default) <b>Auto Document Feeder Capacity</b> : Standard, 50 sh EcoEFFICIENT, light, heavy, bond, colored, letterhead, preprinted, preptray 2, optional 550-sheet tray 3: 16 to 32 lb <b>Media Sizes Supported</b> : 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)	H	IP LaserJet Pro MFP M428fdw (W1A30A)	
Product Dimensions	<b>W x D x H:</b> 16.54 x 15.35 x 12.72 in; 420 x 390 x 323 mm <sup>1</sup> <b>Maximum:</b> 16.93 x 25 x 12.8 in; 430 x 634 x 325 mm			
Product Weight	27.78 lb 12.6 kg	27.78 lb 12.6 kg		
What's in the box		HP LaserJet Pro M428; Preinstalled HP Black LaserJet Toner Cartridge (58A for AMS, yield ~3,000 pages); Getting Started Guide; Support Flyer; Warranty Guide; Regulatory Flyer; Power cord; Phone cord. HP printer software is available at http://www.hp.com/support <sup>17</sup>		
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 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	o.com/laserjet or http://hp.com	
Fonts and Typefaces	84 scalable TrueType fonts			
Compatible Operating Systems	OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS information on the supported operating systems go to http://suppname and search for User Guide, Search for your (Product Name) -	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, Mot 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 promame and search for User Guide, Search for User Guide, Search for User Guide, Search for User Guide, Search for User Supported Operating Systems, For more information on the supported operating systems see http://www.hp.com/go/upd		
Compatible Network Operating Systems	64-bit, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Termina XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - I information see http://developers.hp.com/hp-linux-imaging-and-p	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 server 2008 R2, Remote Desktop server 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://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; MA 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 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 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) <sup>7</sup>		coustic Power Emissions: 6.7 Bel(A) (Printing at 38 ppm); Acoustic Pressure imissions: 53 dB(A) <sup>7</sup>	
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 Humidit 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 chan 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-T and PEAP); Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, compatible with option. HP JetAdvantage Security Manager			

#### Learn more at hp.com



Nithout trays and covers not extended. <sup>2</sup> 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. <sup>3</sup> Toner cartridges designed for distribution and use within a designated region only, will not work outside of designated region. <sup>4</sup> 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 <sup>5</sup> 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 <sup>6</sup> 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. <sup>7</sup> 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. <sup>9</sup> Measured using ISO/IEC 24734, Feature Test, A Landscape Feed. Speed may vary based on content, PC, media orientation, and media type. <sup>10</sup> 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. <sup>11</sup> 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.<sup>12</sup>
- 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

#### 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  $8.5 \times 14$  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  $8.5 \times 14$  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) <sup>4</sup>	Up to 40/38 pages per minute (ppm) <b>2-sided:</b> Up to 33/31 ppm	Up to 40/38 pages per minute (ppm) <b>2-sided:</b> 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 <sup>s</sup> )	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

<sup>1</sup> 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 Laseveler (Pro M40An model. 4 Reasured using SORIEC 2473A, 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 and on the propriet of the search reasurement in the search reasurement in the search reasurement in the search reason r

#### **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









<sup>1</sup> 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. <sup>2</sup> 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. <sup>5</sup> Feature is only supported on the HP Laser let Pro MADdw wireless derect-capable MPP or printer prior to printing. Depending on mobile device, an apport of one may also be required. Learn more at http://www.hp.com/golfus/insexmobileprinting. <sup>5</sup> to enable HP Roam, some devices may require firmware to be upgraded and a notional accessory to add Bluetooth\* Low Energy (BLE) beaconing capabilities. Subscription or accessory may be required. For more information, visit http://www.hp.com/golfus/insexmobileprinting. <sup>5</sup> to enable HP Roam. Some devices may require firmware to be upgraded and a notional care social anomatically stop on a task: the nest-elevation or accessory may be required. For more information, visit http://www.hp.com/golfus/insexmobileprinting. <sup>5</sup> to enable HP Roam. Some devices may require firmware to be upgraded and a notion to detect under a notion to detect understand understand size of the printing of the social printing of the printin

#### 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; <sup>7</sup> : A5: Up to 63 ppmFirst  Page Out Black: As fast as 6.3 sec; <sup>9</sup>	HP LaserJet Pro M404dw(W1A56A)  A4: Up to 38 ppm black; Letter: Up to 40 ppm black; <sup>7</sup> ; 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); Black (normal): Normal (Native: 600 x 600 dpi, enhanced up to 4800 x 600 dpi); Black (fine lines): Fine Lines (1200 x 1200 dpi)				
Print Technology	Laser; Print Resolution Technologies: HP FastRes1200, HP ProRes1200, Economode				
Print Cartridges Number		1 (black)			
Standard Print Languages	Apple AirDrightm Manage and Stand County Claud Dright 2 O LID - Dright Danne	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 <sup>5</sup>	Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App; Mobile Apps; Mopria™ Certified; ROAM capable for easy printing; Wi-Fi® Direct printing <sup>5</sup>	Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App; Mobile Apps Mopria™ Certified; ROAM capable for easy printing <sup>5</sup>		
Memory		Standard: 256 MB; Maximum: 256 MB			
Processor Speed		1200 MHz / <b>Hard disk:</b> None			
Duty Cycle		ly, letter: Up to 80,000 pages <sup>10</sup> ; Recommended Monthly Page Volume: 750 to p to 350 sheets (Tray 1: up to 100 sheets; Tray 2: up to 250 sheets) standard			
Paper Handling	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; <b>Duplex Options</b> : Automatic (default): <b>Ervelope Feeder</b> : No; gplth, heavy, bond, colored, letterhead, preprinted, prepunched, recycled, rough): Optional 550-sheet Tray 3: 16 to 32 lb; <b>Media Sizes Supported</b> : Tray 1, Tray 2: Monarch): Optional Tray 3: Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 izes <b>Custom</b> : 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 <sup>1</sup> ; <b>Maximum:</b> 15 x 25 x 9.5 in; 381 x 63			
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) <sup>14</sup>	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 <sup>14</sup>	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) <sup>14</sup>		
Replacement Cartridges	AMS: For distribution and use in North America and Latin America only: HP 58Å Black Laser Jet Toner Cartridge (~3,000 pages), CF258A; HP 58X Black Laser Jet Toner Cartridge (~10,000 pages), CF259X; API: For distribution and use unly in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~3,000 pages), CF259X; API: For distribution and use only in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~3,000 pages), CF259X; API: For distribution and use only in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~3,000 pages), CF259X; API: For distribution and use only in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~3,000 pages), CF259X; API: For distribution and use only in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~10,000 pages), CF259X; API: For distribution and use only in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~3,000 pages), CF259X; API: For distribution and use only in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~3,000 pages), CF259X; API: For distribution and use only in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~3,000 pages), CF259X; API: For distribution and use only in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~3,000 pages), CF259X; API: For distribution and use only in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~3,000 pages), CF259X; API: For distribution and use only in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~3,000 pages), CF259X; API: For distribution and use only in Asia Pacific excluding China (PRC) and India: HP 76A Black Laser Jet Toner Cartridge (~3,000 pages), CF259X; API: For Distribution and use only in Asia Pacific excluding China (PRC) and India:				
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	2008 R2, Remote Desktop server 2012 R2, Citrix Server 6.5, Citrix XenApp 8	dows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 20 & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Upto Citrix ng, Unix- For more information see http://hp.com/go/unixmodelscripts, UPD PU please see http://hp.com/go/upd	Server 7.18 for more information see http://citrixready.citrix.com, Linux-For		
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 vo Consumption: 495 watts (active printing), 5.5 watts (ready), 0.5 watts (si (Auto-off/Manual-on), 0.05 (Manual Off) <sup>2</sup> ; 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); <b>Power</b> 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) <sup>15</sup>	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 (vacto), 0.5 watts (Auto off/Wake on LAN, enabled at shipment), 0.05 watts (Auto-off/Manual-on), 0.05 (Manual Off) <sup>2</sup>		
Acoustics	Acoustic Power Emissions: 6.7 B(A); A		Acoustic Power Emissions: 6.7 B(A); Acoustic Pressure Emissions: 53 dB(A) <sup>6</sup>		
Operating Environment	Uperating Temperature Range: 15 to 32.5°C; Recommended Operating Temp	perature: 17.5 to 25°C; <b>Storage Temperature Range:</b> -20 to 40°C; <b>Operating Hu</b> 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, SASL authentication; Friewall 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	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	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS.1.0, ILS.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, UPP IN 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 visit http://go/mbolleprinting. To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth's Low Enroging (BLD) beaconing capabilities. For more information, visit hp.com/go/roam 6 Acoustic 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 40 ppm. 7 Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims\_Exact speed varies depending on the system configuration, driver, and document complexity. 8 Measured using ISO/IEC 17452. Por more information see http://wwwh.pc.mor/go/printerclaims\_Exact speed varies depending on the system configuration, software application, driver, and document complexity. 10 Duty cycle is defined as the maximum number of pag

#### 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.<sup>3</sup>
- 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 shutdown<sup>10</sup>.
- 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<sup>12</sup>—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.<sup>2</sup>
- $\bullet \ \ \text{Help ensure the Original HP quality you paid for with anti-fraud and cartridge authentication technology}.$
- 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.<sup>5</sup>

<sup>1</sup> 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 <sup>2</sup> 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. <sup>6</sup> 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 directly<sup>2</sup>
- 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 RAM<sup>5</sup>
- 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

	MFP M527dn	MFP M527f	Flow MFP M527c	Flow MFP M527z
Product number	F2A76A	F2A77A	F2A81A	F2A78A
Fax	Optional	√	$\checkmark$	√
HP High-Performance Secure Hard Disk	Optional	√	√	√
100-page ADF with single-pass, two sided scanning	$\checkmark$	$\checkmark$	√ (Plus HP EveryPage)	√ (Plus HP EveryPage)
Advanced workflow capabilities including pull-out keyboard	Not available	Not available	$\checkmark$	$\checkmark$
Wireless direct <sup>3</sup> and NFC touch to print <sup>4</sup>	Optional	Optional	Optional	$\checkmark$
ENERGY STAR® and Blue Angel certified	√	√	$\checkmark$	√

'Solutions deployed through the Hardware Integration Pocket may require additional purchase. 'An administrator must enable the easy-access USB port before use. <sup>3</sup> 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)-enabled printing.\*\*Communication (NFC)

#### **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.<sup>10</sup>

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 Accessory<sup>12</sup>

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

<sup>&</sup>lt;sup>1</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>2</sup> 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 <sup>5</sup> 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. <sup>8</sup> Purchase of optional paper trays required to reach maximum input capacity. <sup>10</sup> Some features require additional purchase. Learn more at hp.com/go/printsecurity <sup>11</sup> M527d bundle only. <sup>12</sup> M527z bundle only. <sup>13</sup> M527z bundles only.

#### **HP LaserJet Enterprise MFP M527 series**

Technical Specifications	Enterprise MFP M52				
· · · · · · · · · · · · · · · · · ·	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	<b>Black (best):</b> Up to 1200 x 1200 dpi				
rint Technology		Laser; Print Resolution Technologies:	300 dpi, 600 dpi, HP FastRes 1200, HP ProRes 1200		
tandard 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	0				
rinter Management	UPD Printer Administrator Resource Kit (Driver C	onfiguration Utility, Driver Deployment Utility, Managed	Printing Administrator); HP Web JetAdmin Software; HP Prox	y Agent Software; HP JetAdvantage Security Manage	
can Type / Technology	Type: Flatbed, ADF (two-sided, single-pass); Technology: CIS (Contact Image Sensor)				
an Resolution	<b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> 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), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Frint from easy access USB: PDF, PS, Print Ready files (.prn., pcl., c.ht)				
an Input Modes	Front panel app	lications: Copy, E-mail, Save to Network Folder, Save to	JSB, Save to Device Memory, Open Extensibility Platform (OXI	P) applications	
an Size		<b>ADF:</b> 8.5 x 14 in Maximum; 4 x	6 in Minimum; <b>Flatbed:</b> 8.5 x 14 in		
an Speed	Up to 45 ppm/45 ipm (b&w), up to 40 ppm/40 ipm (colo	r) <sup>19</sup> : <b>Duplex:</b> 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: <b>Duplex:</b> Up to 68 ipm (b&w), up to 60 ipm (cold	
canner Advanced Features		quality setting; Selectable scan resolution 75 to 600 dp	i; Optimize text/picture; Image adjustments; Job build; Outpu Auto detect color; Edge Erase; Job notification; Blank p orientation; Embedded Optical Character Rec	it quality setting; Selectable scan resolution 75 to 60 page suppression; HP Quick Sets; HP EveryPage; Auto	
t depth / Grayscale levels		24-	oit / 256	-2	
igital Sending Standard eatures	only); OCR (M527c &M527z only); Local Address Book;	e; Send to Sharepoint (M527c &M527z only); Send to F SMTP over SSL; Blank Page Removal; Edge Erase; Auto ly); Multi-Pick Detect (M527c &M527z only); Auto Strai	FP (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 (M527c	
ppy Speed		Black (letter)	: Up to 45 cpm; <sup>18</sup>		
ppy Resolution	Black (text and Grap	<b>phics):</b> Up to 600 × 600 dpi (flatbed), 600 × 450 dpi (AD	r); <b>Color (text and Graphics):</b> Up to 600 × 600 dpi (flatbed), 3	800 x 600 dpi (ADF)	
pier Settings	Two-sided copying; scalability; image adjustments (darkness		Z-ordering; content orientation; collation; booklet; job build; e media sizes)	dge-to-edge job storage; ID Copy; Book Copy; A-to-B	
x Speed			Up to: 33.6 kbps; Letter: 3 sec per page <sup>14</sup>		
x Resolution		Black (best): Up to 3	00 x 300 dpi (400 x 400 dpi for received faxes only); <b>Black (s</b>	tandard): 203 x 98 dpi	
x Smart Software Features		Stored faxes; Fax archiving; Fax forwa	ding; Scale to fit; Fax address book; LAN/Internet fax; Fax nur	nber 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 US	B 2.0 Device; 1 Gigabit Ethernet 10/100/1000T networ	; 1 Fax (M527f, M527c & M527z only), Wireless Direct 802.1	b/g/n (M527z only), NFC (M527z only).	
etwork Capabilities	Pv4/IPv6: Apple Bonjour Compatible (Mac OS v10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, FTFP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, XMPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telni (IGMPv2, BO0TP/DHCP, WINS, IP) Direct Mode, WS Print				
etwork Ready		Standard (built-in	Gigabit Ethernet)		
	Optional, enabled with purchase of HW accessories.  No Yes, integrated NFC/HP Wireless Direct				
iretess Capability	Optional, enabled with purc	hase of HW accessories.	No	Yes, integrated NFC/HP Wireless Direct	
obile Printing Capability		P ePrint; Apple AirPrint™; Mopria-certified¹²; Wireless C	irect Printing (M527z only); NFC touch-to-print <sup>13</sup> (M527z only		
obile Printing Capability emory	Н	P ePrint; Apple AirPrint™; Mopria-certified¹²; Wireless E <b>Standard</b> : 1.25 GB (Printer), 500 MB (Scanno. 2 GHz / <b>Hard disk:</b> Standard, embedded HP High-Perfi	rect Printing (M527z only); NFC touch-to-print <sup>13</sup> (M527z only r); <b>Maximum:</b> 2.0 GB (Printer), 500 MB (Scanner) rmance Secure Hard Disk, minimum 320 GB; AES 128 hardw	are encryption or greater; Secure erase capabilities (S	
Nobile Printing Capability Nemory Processor Speed	Н	P ePrint; Apple Air Print™, Mopria-certified¹²; Wireless C <b>Standard:</b> 1.25 GB (Printer), 500 MB (Scann 2. GHz / <b>Hard disk:</b> Standard, embedded HP High-Perfi File Erase-Temporary Job Files, Secure Erase-Ju	irect Printing (M527z only); NFC touch-to-print <sup>13</sup> (M527z only r); <b>Maximum:</b> 2.0 GB (Printer), 500 MB (Scanner) rrmance Secure Hard Disk, minimum 320 GB; AES 128 hardw bb Data, Secure ATA Erase-Disk); U.S. Government: Standard, I	are encryption or greater; Secure erase capabilities (Se	
lobile Printing Capability iemory rocessor Speed uty Cycle aper Handling	1.2 GHz 1  Input Capacities: 1 x 550-sheet input tray; 1 x 100-sheet 250 sheets standard labels legal. Duplex Options: Auto letterhead, plain, preprinted, prepunched, recycled, roughly	P ePrint; Apple Air Print™, Mopria-certified¹²; Wireless E  Standard: 1.25 GB (Printer), 500 MB (Scanni 2.6 GHz / Hard disk: Standard, embedded HP High-Perf File Erase-Temporary Job Files, Secure Erase-I file Erase-Temporary Job Files file Erase-Temporary Job Files Files Erase-Temporary Job Files Erase-Tempor	irect Printing (M527z only); NFC touch-to-print <sup>13</sup> (M527z only ri); Maximum: 2.0 GB (Printer), 500 MB (Scanner) irmance Secure Hard Disk, minimum 320 GB; AES 128 hardwid b Data, Secure ATA Erase-Disk); U.S. Gowernment: Standard, in mmended Monthly Page Volume: 2000 to 7500 but trays; Up to 650 sheets standard; Up to 10 envelopes labs indard, 100 sheets; Envelope Feeder: No; Standard Paper T ned; Media Weight Supported: Tray 1: 16 to 53 lb; Tray 2+: 3*1 eltte; legal, executive, 85 x 13 in; Optional Automatic Di optional 550-sheet input Tray 3+: 4.1 x 5.8 to 8.5 x 14 in	are encryption or greater; Secure erase capabilities (Secure erase capabilities (Secure FS 140-2 validated hard disk, minimum 500 GB els legal; Output Capacities: 250-sheet output bin; Uj rays: 2; Media Types Supported: Paper (bond, cold to 32 b); Media Types Supported: Tray 1: Letter, leg	
obile Printing Capability emory ocessor Speed oty Cycle uper Handling oduct Dimensions	1.2 GHz  Input Capacities: 1 x 550-sheet input tray; 1 x 100-sheet 250 sheets standard labels legal; Duplex Options: Aut letterhead, plain, preprinted, prepunched, recycled, rough) executive, 4 x 6, 5 x 8, 8.5 x 13, envelopes (No. 10, Monarci	P ePrint; Apple Air Print™, Mopria-certified¹²; Wireless E  Standard: 1.25 GB (Printer), 500 MB (Scanni 2.6 GHz / Hard disk: Standard, embedded HP High-Perf File Erase-Temporary Job Files, Secure Erase-I file Erase-Temporary Job Files, Secure Erase-I monthly, letter: Up to 150,000 pages³; Rec multipurpose tray; 3 x optional additional 550-sheet in pmatic (standard)Auto Document Feeder Capacity: 5t; envelopes; labels; cardstock; transparencies; user-def ii); Tray 2: letter, legal, executive, 8.5 x 13; Optional tray 14 in; 550-sheet input Tray 2: 4.1 x 5.8 to 8.5 x 14 in  W x D x H: 18.98 x 19.52 x 19.55	irect Printing (M527z only); NFC touch-to-print <sup>13</sup> (M527z only rl); Maximum: 2.0 GB (Printer), 500 MB (Scanner) rmance Secure Hard Disk, minimum 320 GB; AES 128 hardwid b Data, Secure ATA Erase-Disk); U.S. Gowernment: Standard, if mmended Monthly Page Volume: 2000 to 7500 but trays; Up to 650 sheets standard; Up to 10 envelopes labe indard, 100 sheets; Envelope Feeder: No; Standard Paper Teed; Media Weight Supported: Tray 1: 16 to 53 lb; Tray 2+: 3*1 lette; legal, executive, 85 x 13 in; Optional Automatic Dioptional 550-sheet input Tray 3+: 4.1 x 5.8 to 8.5 x 14 in 1; Maximum: 19.96 x 24.83 x 19.55 in	are encryption or greater; Secure erase capabilities (S IPS 140-2 validated hard disk, minimum 500 GB Is legal; <b>Output Capacities:</b> 250-sheet output bin; U rays: 2; <b>Media Types Supported:</b> Paper (bond, color 6 to 32 lb; <b>Media Sizes Supported:</b> Tray 1: Letter, le uplexer: letter; <b>Media Sizes Custom:</b> Tray 1: 3 x 5 to 8	
obile Printing Capability emory ocessor Speed sty Cycle sper Handling oduct Dimensions oduct Weight	Input Capacities: 1 x 550-sheet input tray; 1 x 100-sheet 250 sheets standard labels legal. Duplex Options: Autiletterhead, plain, preprinted, prepunched, recycled, roughl executive, 4 x 6, 5 x 8, 8.5 x 13, envelopes (No. 10, Monarch 48.2 lb <sup>1</sup>	P ePrint; Apple AirPrint™; Mopria-certified¹²; Wireless E  Standard: 1.25 GB (Printer), 500 MB (Scanne)  2. GHz / Hard disk: Standard, embedded HP High-Perf ille Erase-Temporary Job Files, Secure Erase-Je  Monthly, letter: Up to 150,000 pages³; Recc multipurpose tray; 3 x optional additional 550-sheet in multipurpose tray; 3 x optional additional 550-sheet in purpose tray; 4 x x x x x x x x x x x x x x x x x x	irect Printing (M527z only); NFC touch-to-print <sup>13</sup> (M527z only; NFC touch-to-print <sup>13</sup> (M527z only; ri); Maximum: 2.0 GB (Printer), 500 MB (Scanner) irmance Secure Hard Disk, minimum 320 GB, AES 128 hardw. bb Data, Secure ATA Erase-Disk); U.S. Government: Standard, I mmended Monthly Page Volume: 2000 to 7500 but trays; Up to 650 sheets standard; Up to 10 envelopes labe indard, 100 sheets; Envelope Feeder: No; Standard Paper T need, Media Weight Supported: Tray 1:16 to 31b; Tray 2:-5 3+: letter, legal, executive, 8.5 x 13 in; Optional Automatic Dioptional S50-sheet input Tray 3+: 4.1 x 5.8 to 8.5 x 14 in 1; Maximum: 19.96 x 24.83 x 19.55 in 48.6 lb <sup>1</sup>	are encryption or greater; Secure erase capabilities (S IPS 140-2 validated hard disk, minimum S00 GB els legal; Output Capacities: 250-sheet output bin; L rays: 2; Media Types Supported: Paper (bond, colo) f. to 32 lb; Media Sizes Supported: Tray 1: 3 x 5 to 8 uplexer: letter; Media Sizes Custom: Tray 1: 3 x 5 to 8	
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obile Printing Capability lemory rocessor Speed uty Cycle aper Handling roduct Dimensions roduct Weight that's in the box larranty Features nergy Efficiency Compliance	Input Capacities: 1 x 550-sheet input tray; 1 x 100-sheet 250 sheets standard labels legal. Duplex Options: Auto letterhead, plain, preprinted, prepunched, recycled, rough) executive, 4 x 6, 5 x 8, 8.5 x 13, envelopes (No. 10, Monarch 48.2 lb <sup>1</sup> HP LaserJet M527 Printer; HP 87A Black (One-year)	P ePrint; Apple AirPrint™, Mopria-certified¹²; Wireless E  Standard: 1.25 GB (Printer), 500 MB (Scanne).  2. GHz / Hard disk: Standard, embedded HP High-Perf File Erase-Temporary Job Files, Secure Erase-Je  Monthly, letter: Up to 150,000 pages³; Recc multipurpose tray: 3 x optional additional 550-sheet in  service (standard) Auto Document Feeder Capacity: St envelopes; labels; cardstock; transparencies; user-def i); Tray 2: letter, legal, executive, 8.5 x 13; Optional tray 14 in; 550-sheet input Tray 2: 4.1 x 5.8 to 8.5 x 14 in  W x D x H: 18.98 x 19.52 x 19.55 i  48.5 lb¹  Original Laser Jet Toner (~9000 pages); CDs containing: r, next-business day, or site warranty. Warranty and su  ENERGY STAR® certifies  table angle) display; illuminated Home button (for quic	irect Printing (M527z only); NFC touch-to-print <sup>13</sup> (M527z only); NFC touch-touc	are encryption or greater; Secure erase capabilities (S 19PS 140-2 validated hard disk, minimum SOO GB Is legal; <b>Output Capacities</b> : 250-sheet output bin; t rays: 2; <b>Media Types Supported</b> : Paper (bond, colo fo to 32 lb; <b>Media Sizes Supported</b> : Tray 1: 1: 4x 5 to i 49.1 lb <sup>1</sup> lyers; Warranty Cards; Required Erratas ments.	
lobile Printing Capability lemory rocessor Speed uty Cycle aper Handling roduct Dimensions roduct Weight that's in the box larranty Features nergy Efficiency Compliance ontrol Panel	Input Capacities: 1 x 550-sheet input tray; 1 x 100-sheet 250 sheets standard labels legal; Duplex Options: Autiletterhead, plain, preprinted, prepunched, recycled, rough) executive, 4 x 6, 5 x 8, 8.5 x 13, envelopes (No. 10, Monard 48.2 lb <sup>1</sup> HP Laser Jet M527 Printer; HP 87A Black (One-yea	P ePrint; Apple AirPrint**, Mopria-certified**; Wireless E  Standard: 1.25 GB (Printer), 500 MB (Scanne 2. GHz / Hard disk: Standard, embedded HP High-Perf ile Erase-Temporary Job Files, Secure Erase-Je  Monthly, letter: Up to 150,000 pages*, Recc multipurpose tray; 3 x optional additional 550-sheet in multipurpose tray; 4 x s s s s s s s s s s s s s s s s s s	irect Printing (M527z only); NFC touch-to-print <sup>13</sup> (M527z only; NFC touch-to-print <sup>13</sup> (M527z only; NFC touch-to-print <sup>13</sup> (M527z only; r); Maximum: 2.0 GB (Printer), 500 MB (Scanner) remarke Secure Hard Disk, minimum 320 GB, AES 128 hardw. bb Data, Secure ATA Farse-Disk; U.S. Government: Standard, I mmended Monthly Page Volume: 2000 to 7500 Dut trays; Up to 650 sheets standard; Up to 10 envelopes labendard, 100 sheets; Envelope Feeder: No; Standard Paper Thed; Media Weight Supported: Tray 1: 16 to 53 lb; Tray 2÷: 3 **: letter, legal, executive, 8,5 x 13 in; Optional Automatic Dioptional 550-sheet input Tray 3*: 4.1 x 5.8 to 8,5 x 14 in 15; Maximum: 19,96 x 24.83 x 19,55 in 48.6 lb 1 of tware and electronic documentation; User Guide; Support Foport options vary by product, country and local legal require; Blue Angel; CECP; EPEAT*	are encryption or greater; Secure erase capabilities (S 195 140-2 validated hard disk, minimum 500 GB Is legal; <b>Output Capacities</b> : 250-sheet output bin; U rays: 2; <b>Media Types Supported</b> : Paper (bond, colon 6 to 32 lb; <b>Media Sizes Supported</b> : Tray 1: 3 x 5 to 8 49.1 lb <sup>1</sup> lyers; Warranty Cards; Required Erratas ments.	
obile Printing Capability lemory rocessor Speed uty Cycle aper Handling roduct Dimensions roduct Weight that's in the box larranty Features eergy Efficiency Compliance ontrol Panel isplay Description	Input Capacities: 1 x 550-sheet input tray; 1 x 100-sheet 250 sheets standard labels legal. Duplex Options: Auto letterhead, plain, preprinted, prepunched, recycled, roughly executive, 4 x 6, 5 x 8, 8.5 x 13, envelopes (No. 10, Monarch 48.2 lb <sup>1</sup> HP LaserJet M527 Printer; HP 87A Black Cone-year M527 Print	P ePrint; Apple AirPrint™, Mopria-certified¹²; Wireless E  Standard: 1.25 GB (Printer), 500 MB (Scann 2. GHz / Hard disk: Standard, embedded HP High-Perf File Erase-Temporary Job Files, Secure Erase-J  Monthly, letter: Up to 150,000 pages³; Recc multipurpose tray; 3 x optional additional 550-sheet in matic (standard)Auto Document Feeder Capacity: St ; envelopes; labels; cardstock; transparencies; user-def i); Tray; 2: letter, legal, executive, 8.5 x 13; Optional tray 14 in; 550-sheet input Tray; 2: 4.1 x.58 to 8.5 x 14 in  W x D x H: 18.98 x 19.52 x 19.55 i  48.5 lb¹  Original Laser Jet Toner (~9000 pages); CDs containing: r, next-business day, onsite warranty. Warranty and su  ENERGY STAR® certifies table angle) display; illuminated Home button (for quic ome menu)  8.0° (20.3 cm) touchscreen, SVGA LCD (color 6 Printer Driver, HP Device Experience (DXP), HP Send i	irect Printing (M527z only); NFC touch-to-print <sup>13</sup> (M527z only; NFC touch-to-print <sup>13</sup> (M527z only; Naximum: 2.0 GB (Printer), 500 MB (Scanner)  rmance Secure Hard Disk, minimum 320 GB, AES 128 hardw, bb Data, Secure ATA Erase-Disk); U.S. Government: Standard, I  mmended Monthly Page Volume: 2000 to 7500  but trays; Up to 650 sheets standard; Up to 10 envelopes labe  indard, 100 sheets; Envelope Feeder: No; Standard Paper T  ede; Media Weight Supported: Tray 1:16 to 53 bl; Tray 2-5; 3-4: letter, legal, executive, 8,5 x 13 in; Optional Automatic Di  optional S50-sheet input Tray 3-4: 4.1 x 5.8 to 8.5 x 14 in  1; Maximum: 19,96 x 24.83 x 19,55 in   48.6 lb¹  oftware and electronic documentation; User Guide; Support F  poport options vary by product, country and local legal require  ; Blue Angel; CECP; EPEAT®  1 B.O-in (20.3 cm) color LCD with touchscreen; rotating (adji  return to the Home men	are encryption or greater; Secure erase capabilities (S IPS 140-2 validated hard disk, minimum 500 GB Ids legal; Output Capacities: 250-sheet output bin; L rays: 2; Media Types Supported: Paper (bond, colo) fo to 32 lb; Media Sizes Supported: Tray 1: 1. Letter, le uplexer: letter; Media Sizes Custom: Tray 1: 3 x 5 to 6 49.1 lb <sup>1</sup> lyers; Warranty Cards; Required Erratas ments.	
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#### 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.<sup>1</sup>
- Print wirelessly with or without accessing the network with dual band Wi-Fi and Wi-Fi
- ROAM compatible for easy printing from virtually anywhere<sup>5</sup>

### 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.<sup>7</sup>
- 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

<sup>&</sup>lt;sup>3</sup> 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.

<sup>4</sup> 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.

<sup>8</sup> 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 touchscreen<sup>3</sup>
- 7. 50-sheet multipurpose tray 1 supports media sizes up to  $8.5 \times 14$  inches ( $216 \times 356$
- 8. Dual-band Wi-Fi with Bluetooth® Low Energy<sup>4</sup> 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) <sup>5</sup>	Up to 28/27 pages p	per minute (letter/A4)	
Two-sided printing	Auto	matic	
50-sheet multipurpose tray 1, 250-sheet tray 2	,	V	
Optional input accessory: 550-sheet paper tray	,	V	
Easy-access USB port <sup>1</sup>	Not available	√	
Control panel <sup>3</sup>	2-line LCD	2.7-inch (6.9 cm) customizable color touchscreen	
Input capacity (standard/maximum <sup>6</sup> )	Up to 300/850 sheets		
Recommended monthly page volume <sup>7</sup>	Up to 4,000 pages		
Cartridge yields <sup>8</sup> (A/X)	Black: ~2,400/7.500 pages; Color: ~2,100/6,000 pages		
Dual-band Wi-Fi with Bluetooth® Low Energy <sup>4</sup>	Not available	√	

<sup>1</sup> 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

<sup>&</sup>lt;sup>1</sup> 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.

<sup>2</sup> 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

<sup>3</sup> 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.

<sup>4</sup> 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

<sup>7</sup> 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.

<sup>&</sup>quot;Based on HP Internat testing using normalized IEC water, 2013.
"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 <sup>128</sup>	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; <b>Print speed (Landscape, A5):</b> Up to 49 ppm Black; Up to 49 ppm Color	
Print resolution	<b>Black (best)</b> 600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi; <b>Black (normal)</b> 600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi <b>Color (best)</b> : 600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi; <b>Color (normal)</b> : 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)		
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 <sup>™</sup> , 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 Air Print™, 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 M (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)	anager; 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 <sup>6</sup>	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	T		
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), postcarc		
Media weight	postcards, up to 40 lb with HP Color laser glossy photo papers); Automatic duplexer: 16 to 43 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 with	
Media sizes	13 in)	ay 3: Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in; Automatic duplexer: Letter, legal, executive, Oficio (8.5	
Media Sizes Custom  Dimensions (w x d x h)	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  16.2 x 18.5 x 11.6 in; <b>Maximum:</b> 16.2 x 25.6 x 11.6 in	16.2 × 10.5 × 11.6 (in Markey mar 16.2 × 25.6 × 12.4 in	
	16.2 x 18.5 x 11.6 iii; <b>Maxiiiuiii:</b> 16.2 x 25.6 x 11.6 iii	16.2 x 18.5 x 11.6 in; <b>Maximum:</b> 16.2 x 25.6 x 13.4 in	
Weight	HP Color LaserJet Pro M454dn; 4 preinstalled Introductory HP LaserJet Toner cartridges (Black, Cyan, Magenta,	HP Color Laser Jet Pro M454dw; 4 preinstalled Introductory HP Laser Jet Toner cartridges (Black, Cyan, Magenta,	
What's in the box <sup>1</sup>	Yellow: ~ 1200 pages); in-box documentation (Getting Started Guide, Install Poster), regulatory flyer; 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)	Yellow. ~1200 pages). In-box documentation (Getting Stafted Guide, Install Poster), régulatory fiver, 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 rec support options in your region. (wty code 4E; wty ID A033)	quirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and	
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, WinB.1, Win 8 Basic, WinB Pro, WinB Enterprise, WinB Enterprise N, Win7 St. Sierra v10.13, Apple® macOS Mojaev v10,4 Discrete PLCL 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 Support supported operating systems see http://www.hp.com/go/upd	arter Edition SP1, UPD Win7 Ultimate, Mobile OS, IOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High operating systems go to http://support.hg.com. Enter your product name and search, Click on User Guides and enfer ed Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating Systems, For more information on the	
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 R4-bit, Windows Server 2012 R5 2008 R2, Remote Desktop server 2012 R5, Citrix Server 6.5, Citrix server, 65, Citrix server, 67, Citrix	erver 2012 R2 64-bit, Windows Server 2016 64-bit, Fallover (Luster 2008 R2, Fallover Cluster 2012 R2, Erminal server Litrik Ready kit Certification - Up to Citrix Server 7.18 for more information see http://citrixcady.citrix.com, Linux-For ttp://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 <sup>3</sup>	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 $(+/-10%)$ , $50$ / $60$ Hz $(+/-3$ Hz) (Not dual voltage, ), $17$ watts (ready), $0.9$ watts (sleep), $0.9$ watts (AP auto-off/auto-on), $0.07$ watts (auto-off/manual-on), $0.07$ watts (off.)	
Acoustics	Acoustic power emissions: 6.2 B(A)		
Operating environment		ture 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.1.7, TLS.1.2; IPP over TLS, Network: enable/disable network ports and features, unused protocol and service disablement, SMMPv1, SMMPv2, and SMMPv3, community password change; IPP Pernit. HTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; Firewall and ACL; control panel lock, certificates configuration, UPD IPN 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 IPD JetAdvantage Security Manage, Compatible with optional IPD JetAdvantage Security Manage, Compatible with optional IPD JetAdvantage Security Manage.	Secure Boot; Secure Firmware Integrity; Runtime Code Integrity, password protected EWS; secure browsing via SSL/TLS 10, TLS 1.1; TLS 12; IPP over TLS; Network: enable/disable network ports and features; unused protocol and service disablement; SNMPv1; SNMPv2; and SNMPv3; community password change; IPP ePrint: HTTPS with certificate validation; HTTP Basic Access Authentication; Fires MI and ACL; control panel lock; certificates configuration; UPD PIN printing; Syslog; signed firmware; administrator settings; 802.1 x authentication in WEP; WPA/WPAP Zersonal; 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 SetAdvantage Security Manager; IPS	

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

<sup>7</sup> 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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<sup>1</sup> 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.

<sup>&</sup>lt;sup>2</sup> 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.

<sup>&</sup>lt;sup>3</sup> 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

<sup>&</sup>lt;sup>8</sup> 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.

<sup>9</sup> 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.

<sup>&</sup>lt;sup>10</sup> 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

<sup>11</sup> 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.<sup>2</sup>
- Print wirelessly with or without the network, stay connected with dual band Wi-Fi and Wi-Fi direct.<sup>3,4,5</sup>
- 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.<sup>12</sup>
- 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 <sup>3</sup> 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 <sup>4</sup> 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 <sup>5</sup> 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 <sup>6</sup> 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 <sup>7</sup> 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 <sup>8</sup> Pin printing enabled via USB installed in rear of device. <sup>9</sup> 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

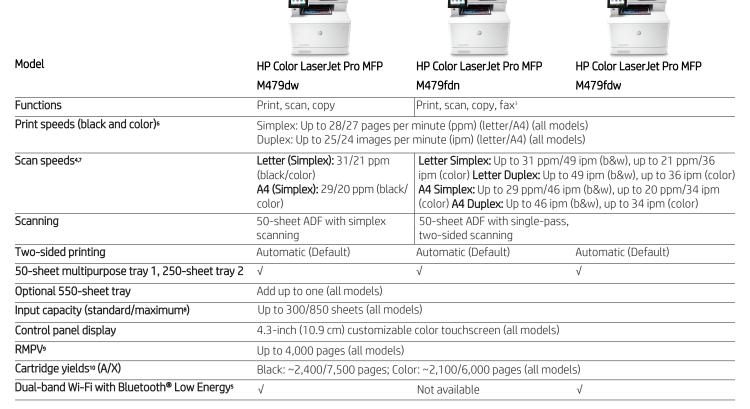
#### HP Color LaserJet Pro MFP M479fdw

#### 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,<sup>2</sup> Gigabit Ethernet LAN port, Fax port<sup>3</sup>
- 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 Energy<sup>s</sup> for easy wireless printing and setup
- 10. 50-sheet multipurpose tray 1 supports media sizes up to  $8.5 \times 14$  inches (216  $\times$  356 mm)
- 11. Automatic two-sided printing
- 12. 250-sheet tray 2 supports media sizes up to  $8.5 \times 14$  inches ( $216 \times 356$  mm)



### Series at a glance



<sup>&</sup>lt;sup>1</sup> An administrator must enable the easy-access USB port before use. <sup>2</sup> Requires purchase of separate USB flash drive with at least 16 GB capacity. <sup>3</sup> Fax capability is not available on the HP Color Laser Jet Pro MFP M479dw model. <sup>4</sup> 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<sup>®</sup>. Bluetooth is a trademark owned by its proprietor and used by HP Inc. under license. Learn more at hp.com/go/mobileprinting. <sup>6</sup> 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. <sup>7</sup> 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. <sup>8</sup> Purchase of optional paper tray required to reach maximum input capacity. <sup>9</sup> 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. <sup>10</sup> 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

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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 color; FirstPageOut(Ready):As fast as 9.5 sec black; As fast as 11.1 sec color 11			
Print resolution	Black (best): 600 × 600	dpi, Up to 38, 400 x 600 enhanced dpi; Colour (best): $600 \times 600$ dpi, Up to 38,	400 x 600 enhanced dpi	
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 PI	CL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, Native Office, PWG F	Raster	
Printer Smart Software Features	Apple AirPrint <sup>™</sup> , 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 (Drive	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-panel	l scan, copy, email, or file buttons; HP Scan software; and user application via T	WAIN or WIA	
Scan Size	<b>ADF:</b> 216 x 356 mm; 8.5 x 14 in Maximum; 102 x 152 mm; 4 x 6 in Minimum; <b>Flatbed:</b> 216 x 297 mm; Up to 29 ppm (b&w), up to 20 ppm (color)	<b>ADF:</b> 216 x 356 mm; 8.5 x 14 in Maximum; 102 x 152 mm; 4 x 6 in Minimum; <b>Flatbed:</b> 216 x 297 mm; Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color)	ADF: 216 x 356 mm; 8.5 x 14 in Maximum; 102 x 152 mm; 4 x 6 in Minimum	
Scan Speed	Up to 29 ppm (b&w), up to 20 ppm (color) <sup>16</sup>	Up to 29 ppm/46 ipm (b&w), up to 20 ppm/34 ipm (color) <sup>16</sup> ; <b>Duplex:</b> 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) <sup>16</sup> ; <b>Duplex:</b> 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, Pax archive to network folder, Scan to Microsoft SharePoint®, Scan to computer with software, Isax archive to network folder, Fax archive to entwork folder, Fax archive to email, Fax to computer with software, Isax archive to network folder, Scan to Microsoft SharePoint®, Scan to Computer with software, Fax archive to network folder, Fax archive to entwork folder, Fax archive to entwork folder, Fax archive to entwork folder, Scan to Microsoft SharePoint®, Scan to Computer with software, Fax archive to network folder, Fax archive to network folder, Scan to Microsoft SharePoint®, Scan to Microsoft SharePoint®, Scan to Microsoft SharePoint®, Scan to Computer with software, Fax archive to network folder, Fax archive to network folder, Scan to Microsoft SharePoint®, Scan to Computer with software, Fax archive to network folder, Scan to Microsoft SharePoint®, Scan to Computer with software, Fax archive to network folder, Scan to Microsoft SharePoint®, Scan to Computer with software, Fax archive to email with LDAP email address lookup, Scan to network folder, Scan to Microsoft SharePoint®, Scan to Computer with software, Pax archive to network folder, Fax archive to			
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  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 black; Up to 28 cpm color; Simplex A4: 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 x 600 dpi: Color (text and Graphics): Up to 600 x 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	uality (Draft/Normal/Best); Save Current Settings; Restore Factory Defaults	
Fax Speed		Up to: 33	6 khps <sup>17</sup>	
Fax Resolution			ie enabled); <b>Black (standard):</b> 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 Detection Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending; Yes; Distinctive Ring Detection Supported: Yes; Fax Polling Supported: Yes; Fax Polling Supported: Yes; Fax Polling Supported: Yes; Fax Telephone Mode Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Justinum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes; Dialing Numbers: U			
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-l radio	
Network Capabilities	Yes, via built-ir	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 <sup>101</sup> ; Mopria <sup>101</sup> -certified; ROAM enabled for easy printing; Wi-Fi Direct Printing; Google Cloud Print 2.0; HP ePrint; HP Smart app and other mobile apps. <sup>6</sup>	Apple AirPrint <sup>™</sup> ; Mopria <sup>™</sup> -certified; ROAM capable for easy printing; Google Cloud Print 2.0; HP ePrint; HP Smart app and other mobile apps. <sup>6</sup>	Apple AirPrint <sup>™</sup> ; Mopria <sup>™</sup> -certified; ROAM enabled for easy printing; Wi-Fi Direct Printing; Google Cloud Print 2.0; HP ePrint; HP Smart app and other mobile apps. <sup>6</sup>	
Memory	Standard: 512 MB NAND Flash, 512 MB DRAM; Maximum: 512 MB NAND Flash, 512 MB DRAM			
Processor Speed		1200 MHz		
Duty Cycle	Mont	hly: Up to 50,000 pages 12. Perommended Monthly Page Volume: 750 to 4000	13	
Paper Handling	Monthly: Up to 50,000 pages <sup>12</sup> , Recommended Monthly Page Volume: 75 to 4000 <sup>13</sup> Input Capacities: 50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF); Up to 300 sheets standard: Up to 15 envelopes labels legal; Output Capacities: 150-sheet output bin; Up to 150 sheets standard labels legal; Duplex Options: Automatic (default); Auto Document Feeder Capacity; Standard, 50 sheets uncurled; Envelope Feeder: No. Standard Paper Trays: 2; Media Types Supported: Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes; Media Weight Supported: 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); Automatic duplexer: 16 to 43 lb bond; Media Size Supported: Tray 1, Tray 2: Letter, legal, executive, 0ficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in; Netomatic duplexer: Letter, legal, executive, 0ficio (8.5 x 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			

#### 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	51.623.3 kg 51.623.4 kg			
What's in the box		ilack~2400 pages, Introductory-Cyan, Magenta, Yellow: ~1200 pages); In-box			
		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	One-year, next-business day, onsite 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 4G; wty ID A001)			
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 7.18 for more information see http://developers.hp.com/ph-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 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; 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) (Not dual voltage; 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage; 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) (Not dual voltage; 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage; 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) (Not dual voltage; 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage; 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) (Not dual voltage; 110 to 127 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 (+/- 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 VAC (+/- 10%),				
	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 (Off				
Acoustics	Acoustic Power Emissions: 6.2 B(A); Acoustic Pressure Emissions: 49 dB(A) <sup>8</sup>	Acoustic Power Emissions: 6.3 B(A);	Acoustic Pressure Emissions: 49 dB(A) <sup>8</sup>		
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 Operating 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. <sup>3</sup> 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 <sup>6</sup> 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** M578 Printer series



HP's mid-level Enterprise-class color MFP with speeds up to 40 ppm<sup>6</sup> and strongest security.<sup>2</sup>

Ideal for 5-15 people printing up to 10,000 pages per month who want premium color at fast speeds plus guick scanning and copying into workflows.

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 Enterprise MFP M578dn



HP Color LaserJet Enterprise MFP M578f



HP Color LaserJet Enterprise Flow MFP



HP Color LaserJet Enterprise Flow MFP

### The world's most secure printing<sup>2</sup>

- The operating code (BIOS) is automatically checked during startup and repairs itself if compromised.
- Common Criteria certified<sup>3</sup> to continually monitor memory activity to detect and stop attacks in real time.
- Firmware is automatically checked during startup to determine if it's authentic code digitally signed by HP.
- The printer's outgoing network connections are inspected to stop suspicious requests and thwart malware.

#### Easy to use, simple to manage

- HP FutureSmart firmware can be updated with the latest features<sup>1</sup> to optimize your investment for years to come.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.<sup>5</sup>
- Easily enable workflows across your fleet with a consistent user experience and intuitive, tablet-like icons.
- Expect consistent, high-quality results with technology that automatically adjusts print settings to paper type.

#### Give workgroups the speed they need

- Help workgroups capture every page easily and detect potential errors or missed pages
- 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.
- Accurately capture and edit text, then save as a Microsoft® Word or searchable PDF with built-in OCR software. Available only on M578c and M578z models

#### Sustainability is smart business

- Help save paper right out of the box. Two-sided (duplex) printing is set at default for automatic savings. 9
- Help reduce wasted paper and toner by only printing jobs that are truly needed, using HP Roam for Business. 10
- Help save energy intelligently by using only the power you need with HP Auto-On/Auto-Off Technology.
- Help reduce your impact. Count on easy cartridge recycling at no charge with HP Planet

Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature.

2HPS most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP FutureSmart 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 NISTSP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit hp.com/go/PrinterShartProtect. For more information, wist hp.com/go/PrinterSecurityClaims

2\*Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019. Certification applicable to HP Enterprise and Managed devices running HP FutureSmart Firmware version 4.5.1 and later. For more information, https://www.commoncriteriaportal.org/files/epfiles/Certification%2OReport%20-%20HP%20Intrusion%2OBetection.pdf

\*Use of the HP Trusted Platform Module may require a firmware upgrade.

\*HP Web Jeadmin is free and available for download at hp.com/go/betjeatdmin

\*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.

\*Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

\*Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.

\*Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections.

<sup>\*</sup>Dependent upon country setup specifications.

10 a capable 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

11 HP Auto-Outo-Off Technology capabilities subject to printer and settings. May require a firmware upgrade.

12 Program availability varies. For more information, visit hp.com/recycle

13 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 and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

#### Product walkaround

- 1. 100-sheet automatic document feeder (ADF)
- 2. Hardware Integration Pocket (for connecting accessory and third-party devices)<sup>1</sup>
- 3. Easy-access USB port<sup>2</sup>
- 4. 250-sheet output bin
- 5. Automatic two-sided printing (default)<sup>3</sup>
- 6. Fax port
- 7. Gigabit Ethernet network port
- 8. Hi-Speed USB 2.0 port for third-party devices
- 9. Hi-Speed USB 2.0 printing port
- 10. 8.0-inch (20.3 cm) color touchscreen
- 11. Pull-out keyboard
- 12. Convenient front on/off switch
- 13. Convenience stapler
- 14. Right door, access to print path
- 15. Front door, access to HP JetIntelligence cartridges
- 16. 100-sheet multipurpose tray 1
- 17. 550-sheet tray 2



## Series at a glance









Model	HP Color LaserJet Enterprise MFP M578dn	HP Color LaserJet Enterprise MFP M578f	HP Color LaserJet Enterprise Flow MFP M578c	HP Color LaserJet Enterprise Flow MFP M578z
Product number	7ZU85A	7ZU86A	7ZU87A	7ZU88A
Print speed (Letter) <sup>4</sup>	Up to 40 ppm			
Automatic two-sided printing (default) <sup>3</sup>	√			
100-sheet multipurpose tray 1 and 550-sheet input tray 2	√			
500-sheet input trays 3, 4, and 5	Optional			
100-sheet ADF	,	√ (plus HP EveryPage)		EveryPage)
Convenience stapler	Not available	Optional		
Advanced workflow features	Not available √			/
Input capacity (standard/maximum)	Up to 650/2300 sheets			
Printer stand	Optional			
Control panel	8" Color touchscreen 8" Color touchscreen and integrated keyboard		nd integrated keyboard	
Fax	Optional √			
HP High-Performance Secure Hard Disk	√			
Dual-band Wi-Fi with Bluetooth® Low Energy, Wi-Fi Direct®5	Optional √			
ENERGY STAR® certified	√			

<sup>1</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
2 An administrator must enable the easy-access USB port before use.
3 Dependent upon country setup specifications.
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 Mobile device, eneeds 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. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance. For details, see hp.com/go/mobileprinting.

#### **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

HP printers have the industry's strongest security<sup>2</sup> because they're always on guard, continually stopping threats while adapting to new ones. And only HP printers can automatically self-heal from attacks, so IT doesn't need to intervene.

Set up workgroups for success without adding more to your plate. Help teams thrive while allowing IT the control it needs to quickly handle business fleet-wide, using a streamlined MFP built for straightforward use and management.

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to  $68 \, \mathrm{ipm^7}$ —and avoid extra steps with a Flow MFP designed for maximum productivity.

Business is all about resource management, and finding efficiencies is everyone's responsibility. HP LaserJet MFPs are designed with the environment in mind, so workgroups can complete tasks quickly while helping to conserve energy wherever possible.

#### Accessories

2MU47A HP Accessibility Assistant
HP 2GB 144-Pin DDR3 TAA Version DIMM
HP Removable Hard Drive Enclosure
HP Accessibility Kit
HP Jetdirect 3100w BLE/NFC/Wireless Accessory
HP Legic Secure USB Reader
HP TAA Version Secure Hard Disk Drive
HB Indirect JAM Accessory 2MU4/A 2NR09A 2NR12A 2TD64A 3JN69A 4QL32A 5EL03A 8FP31A A7W12A

HP TAA Version Secure Hard Disk Drive
HP Jetdirect LAN Accessory
HP Laser Jet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese
HP Internal USB Ports
HP Foreign Interface Harness
HP Color Laser Jet 550-sheet Media Tray
HP Color Laser Jet 550-sheet Media Tray
HP Color Laser Jet Printer Cabinet
HP Laser Jet Printer Cabinet
HP Laser Jet MFP Analog Fax Accessory 600
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 2 GB x32 144-pin (800 MHz)DR3 SODIMM
HP 4 Staple Cartridge Pack
HP 200 ADF Roller Replacement Kit
HP Universal USB Proximity Card Reader B5L28A B5L31A B5L34A B5L51A B5L53A CC543B E5K48A E5K49A Q7432A W5U23A X3D03A

#### Supplies

B5L35A	HP Color LaserJet B5L35A 110V Fuser Kit (Approximately 150,000 pagesApproximately 150,000 pages)
B5L36A	HP Color Laser Jet B5L36A 220V Fuser Kit (Approximately 150,000 pages Approximately 150,000 pages)
B5L37A	HP Color LaserJet B5L37A Toner Collection Unit (Approximately 54,000 pagesApproximately 54,000 pages)
W2120A	HP 212A Black Original LaserJet Toner Cartridge (5,500 pages)
W2120X	HP 212X High Yield Black Original LaserJet Toner Cartridge (~13,000 pages)
W2121A	HP 212A Cyan Original LaserJet Toner Cartridge (Per cartridge: 4,500 pages)
W2121X	HP 212X High Yield Cyan Original LaserJet Toner Cartridge (Per cartridge: 10,000 pages)
W2122A	HP 212A Yellow Original LaserJet Toner Cartridge (Per cartridge: 4,500 pages)
W2122X	HP 212X High Yield Yellow Original LaserJet Toner Cartridge (Per cartridge: 10,000 pages)
W2123A	HP 212A Magenta Original LaserJet Toner Cartridge (Per cartridge: 4,500 pages)
W2123X	HP 212X High Yield Magenta Original LaserJet Toner Cartridge (Per cartridge: 10,000 pages)

#### Solutions

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

Workflow: Enable direct access to digital content and workflows from the MFP control panel to streamline document-intensive processes and help improve user productivity

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

Management: HP Web JetAdmin; HP JetAdvantage Security Manager; HP JetAdvantage Insights

#### Services

U8TH7E-HP 3y NBD CLJ M57x MFP SVC U8TJ0E-HP 3y 4h 9x5 CLJ M57x MFP SVC U8TJ5E-HP 5y 4h 13x5 CLJ M57xMFP SVC U8TK1E-HP 5y NBD CTR CLJ M57x MFP SVC U8TK4F-HP 5v NBDw/Max5 Maintenance Kit CL JM57xMFP SVC U8TK7E-HP 5y 2nd BD CTR CLJ M57x MFP SVC U8TJ2E-HP 5y 4h 9x5 CLJ M57x MFP SVC U8TH9E-HP 5y NBD CLJ M57x MFP SVC U8TK9PE-HP 2y PW NBD CLJ M57x MFP SVC LISTI OPE-HP 1v PW 4h 9x5 CL LM57x MFP SVC U8TL1PE-HP 1y PW 4h 13x5 CLJ M57x MFP SVC U8TL3PE-HP 1y PW 2nd BD CTR CLJ M57x MFP SVC U8TL4PE-HP 1y PW NBD CTR CLJ M57x MFP SVC UL623E-HP MKRCM3530/M575MFP/CP3525/M55x 110VSVC

UI 622E-HP MKRCM3530/M575MEP/CP3525/M55x 220VSVC U1W21E-HP MKR CLJM575/LJM525/OJ X585MFP ADF SVC

U9JT2E-HP Inst SVC w/nw Workgroup Printer

Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature.

2 HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP FutureSmart 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 hp.com/go/PrinterScurityClaims

3 Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019. Certification applicable to HP Enterprise and Managed devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: https://www.commoncriteriaportal.org/files/eptiles/Certification%20Report%20-%20HP%20Intrusion%20Detection.pdf

3 Use of the HP Trusted Platform Module may require a firmware upgrade.

3 HP Web Jetadrini is fire and available for download at hp.com/go/webjetadmin

4 HP Web Jetadrini is fire and available for download at hp.com/go/webjetadmin

5 HP Web Jetadrini is fire and available for download at hp.com/go/webjetadmin

5 HP Web Jetadrini is fire and available for download at hp.com/go/webjetadmin

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5 HP Web Jetadrini is fire and available for download at hp.com/go/webjetadmin

5 HP Web Jetadrini is fire and available for download at hp.com/go/webjetadmin

6 HP Trusted Platform Module may require a firmware upgrade.

# HP Color LaserJet Enterprise MFP M578 Printer series

Note a manufacture of Command	Model	HP Color LaserJet Enterprise MFP M578dn	HP Color LaserJet Enterprise MFP M578f	HP Color LaserJet Enterprise Flow MFP M578c	HP Color LaserJet Enterprise Flow MFP M578z	
Fig. 1 pages of Letter in light is a first state. As for a 1 year closer, First page of Letter in light is a first state of the first page of Letter in light is a first state of the light page of Letter in light is a first state of the light page of Letter in light is a first state of Letter in light is a first state of Letter in light page of Letter in light is a first state of Letter in light page of Letter i	Product number	7ZU85A	7ZU86A	7ZU87A	7ZU88A	
Fig. 1 pages of Letter in light is a first state. As for a 1 year closer, First page of Letter in light is a first state of the first page of Letter in light is a first state of the light page of Letter in light is a first state of the light page of Letter in light is a first state of Letter in light is a first state of Letter in light page of Letter in light is a first state of Letter in light page of Letter i	AIO functions	Print, copy, scan, fax (optional)	Print, copy, scan, fax			
Pictor register. 1997.  The standard of the standard production of the stan	Print	and the second s				
Code because private monitoring and security of the control of the control is not in control of the control is not in control in the control of the control is not in control in the control of the control is not in control in the control in the control is not in the control in the control in the control is not in the control in the control in the control is not in the control in the contr	Print speed <sup>6</sup> , <sup>7</sup> , <sup>5</sup>	First page out Letter: As fast as 6.9 sec Black; As fast as 7.8 sec Color; First page out A4: As fast as 7.0 sec Black; As fast as 7.9 sec Color; Letter: Up to 40 ppm Black; Up to 40 ppm Color; A4: Up to 38 ppm Black; Up to 38 ppm Color; Print speed (Landscape, A5): Up to 59 ppm Black; Up to 59 ppm Color				
# 15 sept Ministry in England (1997) And the Sept Ministry in Mini	Print resolution	Black (best) HP ImageREt 3600; Black (normal) Up to 60 Color (best): HP ImageREt 3600; Color (normal): Up to 60	0 x 600 dpi; <b>Black (fine lines)</b> Up to 1200 x 1200 dpi 00 x 600 dpi; <b>Color (fine lines):</b> Up to 1200 x 1200 dpi			
Standard prie timplagener.    Prof. 6. In Prof. 5. In			antone Calibrated			
Politic small software  Politic small software  Apple App Politic Mapping certified. IP 6PYE, FDM optional for early printing for any printing feed on early printing feed on the politic special politic spec	Print cartridges number	4 (1 each black, cyan, magenta, yellow)				
Age 4-6 horse moderation and page 4-6 horse Moderate and programs (all per age) and horse moderation and page 4-6 horse Modera	Standard print languages	XPS, HP PCL 6; HP PCL 5c; HP postscript level 3 emulation	n, native PDF printing (v 1.7)			
Surface Configuration Little, - Date Designation		FutureSmart Firmware, Instant-on Technology, HP Auto- Printing, Hardware Integration Pocket, Intuitive 8" touch	On/Auto-Off technology, Easy Access USB, Two-Sided screen control panel, print multiple pages per sheet (2, 4,	optional for easy printing, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto- On/Auto-Off technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, Intuitive 8" touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, print preview, advanced workflow features with	enabled for easy printing, Wi-Fi Direct Printing, Bluetooth® Low-Energy, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off technology, Easy Access USB, Two-Sided Printing, Hardware Integration Pocket, Intuitive 8" touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, print preview, advanced workflow features with	
Son type (Fernander) For Falmeric ARP (the order) provide prov	SureSupply	HP Printer Assistant, HP Device Toolbox, HP Web JetAdm Configuration Utility - Driver Deployment Utility - Manag	iin Software, HP JetAdvantage Security Manager, HP SNMF ed Printing Administrator)/	Proxy Agent, HP WS Pro Proxy Agent, Printer Administrato	r Resource Kit for HP Universal Print Driver (Driver	
Som residention First Exemptical particles (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (1997), 1997 (						
Som in grant ageilla design (output privilla gelications course). First grant ageilla design (output privilla). Appl 5 s. of 1			Contact Image Sensor (CIS); <b>Twain version:</b> Version 2.1			
Son Seed 19 (B) 65.3 x 16 in Maximum A 1 x 5 in Marmoum, Relabel 65.3 x 16 in 10 cm specific processors (a) the 19 cm specific processors (b)						
ign feloto AA Cuples Lip to 45 gm flow). Up 64 gm flow) to 64 gm flow) to 64 gm flow) to 64 gm flow) to 65 gm f				Point; Open Extensibility Platform (OXP) applications; HP S	can or user application via TWAIN	
Commer advanced features  Commerced	Scan speed <sup>10</sup>	Up to 45 ppm/45 ipm (b&w), up to 40 ppm/40 ipm (colo ipm (color) A4; <b>Duplex:</b> Up to 45 ipm (b&w), up to 40 ipm	r) Letter; Up to 43 ppm/43 ipm (b&w), up to 38 ppm/38 (color) Letter; Up to 43 ipm (b&w), up to 38 ipm (color) A4	Up to 48 ppm/68 ipm (b&w), up to 48 ppm/60 ipm (color ipm (color) A4; <b>Duplex</b> : Up to 68 ipm (b&w), up to 60 ipm	) Letter; Up to 45 ppm/64 ipm (b&w), up to 45 ppm/58 (color) Letter; Up to 64 ipm (b&w), up to 58 ipm (color) A4	
Sent to Sharepoint; scan to E-mail; Save-to-Network Folder, Save-to-Network Fo	Scanner advanced features	dpi; Auto detect color; Edge Erase; Job notification; Blank	put quality setting; Selectable scan resolution 75 to 600 page suppression; HP Quick Sets; PDF, JPEG, TIFF, MTIFF,	dpi; Auto detect color: Edgie Erase; lob notification; Blank page suppression; HP Quick Sets; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR), Auto crop to page; Auto-tore; Digital Send; PDF, JPEG, TIFF, MTIFF, XPS, PDFA, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDFA, TEXT (OCR), Unicode TEXT (OCR), ATF (OCR), Searchable PDF (OCR)		
Polder   Save-to-USB drive; Save-USB drive; S	Bit depth / Grayscale levels	24-bit / 256				
Letter: Up to 40 cpm Black; Up to 40 cpm Color; Akt Up to 38 cpm Black; Up to 40 cpm Color; Akt Up to 38 cpm Black; Up to 38 cpm Black; Up to 40 cpm Color; Akt Up to 38 cpm Color; Fist copy out Letter. As fast as 5.5 see Black, As fast as 5.7 sec Color; Fist copy out Akt As fast as 6.5 see Black; As fast as 5.7 sec Color; Fist copy out Akt As fast as 5.8 see Black, As fast as 5.7 sec Color; Fist copy out Akt As fast as 5.8 see Black, As fast as 5.8 see Bla		Folder; Save-to-USB drive; Send to FTP. Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Col		Send to Internet Fax; OCR; Local Address Book; SMTP over Auto Crop To Content; Compact PDF; Auto Tonescale; Aut	c; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense;	
Letter: Up to 40 cpm Black: Up to 40 cpm Clor; AR: Up to 38 cpm Black: Up to 40 cpm Clor; AR: Up to 38 cpm Black: Up to 40 cpm Clor; AR: Up to 40 cpm Black: Up to 40 cpm Clor; AR: As fast as 6.5 see Black: As fast as 8.5 see Black: As fast as 6.5 see Black: As fast as 6	Сору				_	
Copier resizion Maximum Number of Copies Up to 9999 copies Copier resizio Zi to 400% Copier settings Two-sided coping, Scalability, image adjustments (darkness, contrast, background cleanup, sharpness); N-up; N or Z-ordering; Content orientation; Collation; Booklet; Job build; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B Copier settings Two-sided copying, Scalability, image adjustments (darkness, contrast, background cleanup, sharpness); N-up; N or Z-ordering; Content orientation; Collation; Booklet; Job build; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B Copier settings Two-sided copying, Scalability, image adjustments (darkness, contrast, background cleanup, sharpness); N-up; N or Z-ordering; Content orientation; Collation; Booklet; Job build; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B Copier settings Two-sided copying, Scalability; Image adjustments (darkness, contrast, background cleanup, sharpness); N-up; N or Z-ordering; Content orientation; Collation; Booklet; Job build; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B Copier settings Two-sided copying, Scalability; Image adjustments (darkness, contrast, background cleanup, sharpness; N-up; N or Z-ordering; Content orientation; Collation; Booklet; Job build; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B Copier settings Two-sided copying, Scalability; Image adjustments (darkness, contrast, background) and states of the copying of the copyin		As fast as 5.6 sec Black; As fast as 8.7 sec Color; First co	by out A4: As fast as 6.0 sec Black; As fast as 9.1 sec Color;	As fast as 5.8 sec Black; As fast as 8.7 sec Color; First con	by out A4: As fast as 6.2 sec Black; As fast as 9.1 sec Color;	
Maximum Number of Copies Copier resize Z5 to 400% Two-sided copying, Scalability, Image adjustments (darkness, contrast, background cleanup, sharpness); N-up; N or Z-ordering; Content orientation; Collation; Booklet; Job build; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B Copy (different media sizes)  Fax Fax Fax Fax Fax Fax Fax Fax Fax Fa	Copy resolution					
Two-sided copying, Scalability, Image adjustments (darkness, contrast, background cleanup, sharpness); N-up; N or Z-ordering; Content orientation; Collation; Booklet; Job build; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B Copy (different media sizes)    Fax					_	
Copy (different media sizes)  Fax speed   Up to 33.6 kbps / Letter3 sec per page   Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard); 204 x 98 dpi    Fax speed   Stored faxes; Fax criving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule    Fax Features   Fax phone TAM interface supported: No; Take phone handset supported: No; Fax forwarding supported: Ves; Fax phone TAM interface supported: Ves; Auditor supported: Ves; Fax phone TAM interface supported: Ves; Auditor supported: Ves; Fax phone TAM interface Supported: Ves; Fax phone TAM	Copier resize	25 to 400%				
Fax speed   Up to 33.6 kbps / Letter3 sec per page   Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 204 x 98 dpi   Fax smart software features   Stored faxes; Fax archivary Each to fit; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule   Fax phone TAM interface supported: No; Telephone handset supported: No; Telephone h	Copier settings	Two-sided copying; Scalability; Image adjustments (dark Copy (different media sizes)	ness, contrast, background cleanup, sharpness); N-up; N o	r Z-ordering; Content orientation; Collation; Booklet; Job bu	ild; Edge-to-edge; Job storage; ID Copy; Book Copy; A-to-B	
Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 204 x 98 dpi	Fax					
Fax smart software features  Fax phone TAM interface supported: No; Telephone handset supported: No	Fax speed		Up to:33.6 kbps / Letter:3 sec per page			
Fax Features Fax phone TAM interface supported: No; Telephone handset supported: No; Telephone mode su						
Fax Peatures Fax phone TAM Interface supported: No; Telephone handset supported: No; Telephone handset supported: No; Fax polling	Fax smart software features					
Standard connectivity  1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; 1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; 1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; 1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; 1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; 1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0	Fax Features	Fax phone TAM interface supported: No; Telephone handset supported: No	phone TAM interface supported: No; Telephone supported: No; Telephone as upported: No; Fax forwarding supported: Yes; Fax phone TAM interface supported: No; Fax polling supported: Yes (poll to receive only); Fax telephone mode supported: No; Telephone unk barrier supported: Yes; Maximum speed dialing numbers: Up to 1000 numbers; PC interface supported: Yes; Remote retrieval capability supported: No; Telephone			
Standard connectivity  1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; 1 Hardware Integration Pocket  Retwork capabilities  Network capabilities  Network capabilities  Network capabilities  Optional, enabled with purchase of a wireless hardware accessory. Dual-band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w  Embedded Dual-band Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w  Embedded Dual-band Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w  HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam optional  Memory  Standard: 1.25 GB (printer), 512 MB (scanner); Maximum: 3.75 GB  Processor speed  1.2 GHz / Storage: Standard; Nexture accessory bol Blast, Secure Erase-Job Data, Secure ATA Erase-Disk; U.S. Government: Standard, FIPS 140-2 vailadated hard disk, minimum 500 GB  Gigabit/Fast Ethernet 10/100/1000 Base-Tx hetwork; 1 Wireless Schize Wireless Schiz	Connectivity					
Yes, via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-T, 10Base-T, 10	Standard connectivity	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 Host; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network; Hardware Integration Pocket  Gigabit/Fast Ethernet 10/100/1000 Base-TX network  Wireless 802.11b/gln/ 2.4 / 5 GHZ Wi-Firadio			Gigabit/Fast Ethernet 10/100/1000 Base-TX network; 1 Wireless 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio; Hardware Integration Pocket	
BLE/NFC/Wireless Accessory 3JN69A  Mobile printing capability  HP ePrint; Apple AirPrint™, Mopria™ Certified; NFC Touch-to-print (optional); Roam optional  Memory¹  Standard: 1.25 GB (printer), S12 MB (scanner); Maximum: 3.75 GB  Processor speed  1.2 GHz / Storage: Standard, embedded 500 GB hard disk drive / Hard disk: Standard, embedded HP High-Performance Secure Hard Disk, minimum 500 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure Fife Frase-Temporary Job Files, Secure Frase-Job Data, Secure ATA Erase-Disk); U.S. Government: Standard, FIPS 140-2 validated hard disk, minimum 500 GB	Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) supports: 10Base-T, 100Base-Tx, 1000Base-Tx, 100Base-Tx, 100Ba			(standard) supports: 10Base-T, 100Base-Tx, 1000Base- T; 802.3az (EEE) support on Fast Ethernet and Gigabit Ethernet; IPsec (standard); 802.11b/g/n / 2.4	
Memory <sup>4</sup> Standard: 1.25 GB (printer), 512 MB (scanner); Maximum: 3.75 GB  Processor speed 1.2 GHz / Storage: Standard, embedded 500 GB hard disk drive / Hard disk: Standard, embedded HP High-Performance Secure Hard Disk, minimum 500 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure 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	Wireless capability	Optional, enabled with purchase of a wireless hardware accessory. Dual-band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3100w  Embedded Dual-band Station and Wi-Fi Direct			Embedded Dual-band Station and Wi-Fi Direct	
Memory <sup>4</sup> Standard: 1.25 GB (printer), 512 MB (scanner); Maximum: 3.75 GB  Processor speed 1.2 GHz / Storage: Standard, embedded 500 GB hard disk: Standard, embedded HP High-Performance Secure Hard Disk, minimum 500 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure 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	Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam optional HP ePrint; Apple AirPrint™; Mopria™ Certified; NFC Touch-to-print (optional); Roam				
Processor speed 1.2 GHz / Storage: Standard, embedded 500 GB hard disk: Standard, embedded HP High-Performance Secure Hard Disk, minimum 500 GB; AES 256 hardware encryption or greater; Secure erase capabilities (Secure 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	Memory <sup>4</sup>					
Duty cycle (monthly) Letter: Up to 80,000 pages; A4: Up to 80,000 pages; Recommended monthly page volume: 2000 to 10000		1.2 GHz / Storage: Standard, embedded 500 GB hard dis	k drive / Hard disk: Standard, embedded HP High-Perform	ance Secure Hard Disk, minimum 500 GB; AES 256 hardwar 10-2 validated hard disk, minimum 500 GB	e encryption or greater; Secure erase capabilities (Secure	
	Duty cycle (monthly)	Letter: Up to 80,000 pages; A4: Up to 80,000 pages; Rec	commended monthly page volume: 2000 to 10000			

#### HP Color LaserJet Enterprise MFP M578 Printer series

Model	HP Color LaserJet Enterprise MFP M578dn	HP Color LaserJet Enterprise MFP M578f	HP Color LaserJet Enterprise Flow MFP M578c	HP Color LaserJet Enterprise Flow MFP M578z	
Product number	7ZU85A	7ZU86A	7ZU87A	7ZU88A	
Paper handling					
nput	100-sheet multipurpose tray, 550-sheet input tray 2; Up	to 650 sheets Standard; Up to 10 envelopes			
Output	Standard: 250-sheet output bin; Up to 250 sheets Standard: Transparencies: Up to 100 sheets Standard: Transparencies: Up to 100 sheets				
Ouplex Options	Automatic (standard)				
Auto document feeder capacity	Standard, 100 sheets				
Envelope feeder	No				
itandard paper trays	2				
Media types	Paper (plain, light, bond, recycled, mid-weight, heavy, mi opaque film, user-defined	id-weight glossy, heavy glossy, extra heavy, extra heavy g	ossy, cardstock, card glossy), color transparency, labels, lei	tterhead, envelope, preprinted, prepunched, colored, rou	
Media weight	Tray 1: 16 to 58 lb (plain); 28 to 58 lb (glossy); Tray 2: 16	to 58 lb (plain paper); 28 to 58 lb (glossy paper); Optiona	Trays 3+: 16 to 58 lb (plain paper); 28 to 58 lb (glossy pap	per); Automatic Duplexer: 16 to 43 lb	
Media sizes		x 5, 5 x 7, 5 x 8, postcard (JIS), double postcard (JIS), 8.5 x to 8.5 x 11.69 in; Optional Trays 3+: letter, legal, oficio, ex	13, envelope (commercial No. 9, No. 10, Monarch); Custom ecutive, 8.5 x 13; Custom: 4.0 x 5.85 to 8.5 x 14 in	n: 3 x 5 to 8.5 x 14 in; Tray 2: letter, executive, statement,	
Media Sizes Custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.0 x 5.85 to 8.5 x 11.	.69 in; Optional Trays 3+: 4.0 x 5.85 to 8.5 x 14 in			
Dimensions (w x d x h)	18.98 x 19.84 x 22.95 in; 482 x 504 x 583 mm; Maximu	m: 32.3 x 34 x 33 in; 820 x 863 x 837 mm			
Weight	84 lb; 38.1 kg	84.5 lb; 38.3 kg	85 lb; 38.6 kg		
What's in the box <sup>1</sup>	Printer; Four preinstalled HP LaserJet toner cartridges (yield ~5,500 pages black, ~3,500 pages black, ~3,500 pages black, ~3,500 pages cyan, magenta, yellow composite); Toner collection unit; In-box documentation; Power Cord  Printer; Four preinstalled HP LaserJet toner cartridges (yield ~5,500 pages black, ~3,500 pages cyan, magenta, yellow composite); Toner collection unit; In-box documentation; Power Cord				
Replacement cartridges <sup>2</sup>	HP 212A Black Original LaserJet Toner Cartridge (~5,500 pages) W2120A; HP 212A (yan Original LaserJet Toner Cartridge (~4,500 pages) W2121A; HP 212A Magenta Original LaserJet Toner Cartridge (~4,500 pages) W2122A; HP 212X High Yield Mack Original LaserJet Toner Cartridge (~10,000 pages) W212X; HP 212X High Yield Magenta Original LaserJet Toner Cartridge (~10,000 pages) W212X; HP 212X High Yield Magenta Original LaserJet Toner Cartridge (~10,000 pages) W212X; HP 212X High Yield Magenta Original LaserJet Toner Cartridge (~10,000 pages) W212X; HP 212X High Yield Magenta Original LaserJet Toner Cartridge (~10,000 pages) W212X;				
Warranty features	One-year, next-business day, onsite warranty. 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.				
nergy star certified	Yes				
nergy efficiency compliance <sup>3</sup>					
Control panel	8.0-in (20.3 cm) color touchscreen; adjustable angle display with gesturing; illuminated Home button (for quick return to the Home menu) and integrated keyboard				
Display	8" color touchscreen				
Software included	No software solutions are included in the Box, only on ht				
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 World Type); 2 Internal 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/laserjetfonts				
Compatible operating systems	Windows Client OS (32/64 bit) -, Win 10, Win 8.1, Win 7 Ultimate, Mobile OS-, 10S, Android, Mac-, Apple® mac OS High Sierra v 10.13, Apple® mac OS Mojave v 10.14, Apple® mac OS Catalina v 10.15, 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 Use Guides and enter your product name and search for User Guide, Search for your (Product Name) - Use Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers., For more information on the supported Operating Systems section, UPD PCL6 / PS Printer Drivers, For more information on the supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported Operating systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported Operating systems section, UPD PCL6 / PS Printer Drivers, Supported Operating Systems, For more information on the supported Operating systems section, UPD PCL6 / PS Printer Drivers, Supported Operating Systems, For more information on the supported Operating systems section, UPD PCL6 / PS Printer Drivers, Supported Operating Systems, Por more information on the supported Operating Systems section, UPD PCL6 / PS Printer Drivers, PS Printer Drivers, PS Printer Drivers, PS Printer Drivers, PS				
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2016 64-bit, Windows Server 2019 64-bit, Citrix Server 6.5, Citrix XenApp 8 XenDesktop 7.6, Novell iPrint server, Citrix Ready, Kit Certification - Up to Citrix Server 7.18 for more information see http://developers.hp.com/hp-linux-imaging-and-printing, Unix- 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				
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 <sup>9</sup>	Power supply type: Built-in 115V or 220V Power Supply; Power supply required: 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: (17 watts (Printing), 40 watts (Ready), 5.4 watts (Sleep), 0.07 watts (Auto-Off/Manual On), 0.58 watts (Auto-Off/Auto-On/Wake on LAN); Typical electricity consumption (TEC) number: 1.555 kWh//Week (Blue Angelt), 0.501 kWh//Week (Energy Star 3.0).				
Acoustics	Acoustic power emissions: 6.5 B(A) (printing at 38 ppm)				
Operating environment	Operating temperature range: 50 to 91°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 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 and Kerberos authentication; Supports WIA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNIMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIP-140 validated cryptographic libraries from Microsoft); Secure Fraze; SSL/TLS; (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; Hardware Integration Pocket for security solutions; Intrusion Detection with Red Balloon Security Technology (Constant in-device monitoring for attacks); HP Sure Start Secure Boot (BIOS Integrity Checking with self-healing capability); Whitelisting (loads only known good code DLLs, EXEs, etc.); Embedded Trusted Platform Module (TPM); HP Connection Inspector; Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs				

#### To learn more, visit hp.com

<sup>1</sup> Average black and color composite (C/M/Y) 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/toneryield. HP Color LaserJet Enterprise M554, M555, and MFP / Flow MFP M578 in-box color cartridges may have higher yield than stated for printer units manufactured before 2021.

2 Average black and color composite (C/M/Y) 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://http://www.hp.com/go/toneryield

3 EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.

4 Maximum physical memory present is reported. Actual usable amount by firmware might be less.

5 Measured using ISO/IEC 24734 Feature Performance Test, 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

Sheasured using ISO/IEC 24734 Feature Performance Test, 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 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 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.

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. Blue Angel value typically based on measurement of 230V device.

9 Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

10 Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

#### 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.<sup>3</sup>
- 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 Protection<sup>6</sup>

- 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.<sup>6</sup>
- 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.

<sup>1</sup> 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. <sup>2</sup> HP Web Jetadmin is available for download at no additional charge at hp.com/go/Webjetadmin. <sup>3</sup> 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. <sup>4</sup> Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>4</sup> Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep. <sup>5</sup> 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. <sup>6</sup> 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 <sup>7</sup> HP 656X High Yield Original Laser/let Toner Cartridges esparately. <sup>8</sup> 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

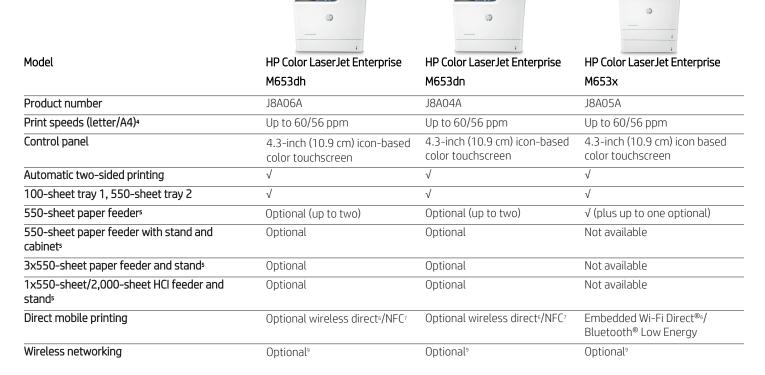
- 1.500-sheet output bin
- 2. Front door access to toner cartridges
- 3. Wi-Fi Direct printing<sup>6</sup>/Bluetooth Low Energy<sup>8</sup>
- 4. Built-in automatic two-sided printing
- 5. 550-sheet tray 2
- 6. 550-sheet tray 3
- 7. 4.3-inch (10.9 cm) icon-based color touchscreen
- 8. Hardware Integration Pocket<sup>2</sup>
- 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



<sup>&</sup>lt;sup>1</sup> Built-in automatic two-sided printing is not supported on the M652n model. <sup>2</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. <sup>3</sup> An administrator must enable the easy-access USB port before use. <sup>4</sup> 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. <sup>5</sup> 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. <sup>6</sup> 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\*. <sup>7</sup> 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. <sup>8</sup> 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 minute<sup>3</sup>, 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

<sup>&</sup>lt;sup>1</sup> 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/printerstoat/Protect. For more information see http://www.hp.com/go/printerstoat/Protect. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, document complexity. <sup>4</sup> 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 of 50 to 60 ppm. Subject to device settings. Actual results may vary. <sup>6</sup> More pages versus predecessor cartridges claim based on page-yield comparison of HP M647A and HP 648A Color Original Laser.Jet Toner Cartridges with HP 656X High Yield Color Original Laser.Jet Toner Cartridges. For more information, see hp.com/go/learnaboutsupplies <sup>7</sup> HP 656X High Yield Original Laser.Jet Toner Cartridges not included; please purchase separately. <sup>8</sup> 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 <sup>8</sup> ; <b>First Page Out Black:</b> As fast as 5.7 sec; <b>First Page Out</b>	Color: As fast as 5.7 sec <sup>10</sup>
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 El	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, 100Base-Tx, 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 Server 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	nt™; Mopria-certified <sup>7</sup>	HP ePrint; Wireless direct printing; Apple AirPrint™; Mopria-certified <sup>7</sup>
Memory		Standard: 1 GB; Maximum: 2 GB	-
Processor Speed	1.2 GHz / <b>Hard disk:</b> Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater); FIPS140 certified	1.2 GHz / <b>Hard disk:</b> 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 550 sheets standard labels legal: Output Capacities: 500-sheet output bin; Up to 550 sheets standard labels legal: Output Capacities: 500-sheet output bin; Up to 550 sheets standard labels legal: Output Capacities: 500-sheet input to 550 sheets standard labels legal: Output Capacities: 500-sheet input to 550 sheets standard labels legal: Output Capacities: 500-sheet input to 550 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheet input to 1200 sheets standard labels legal: Output Capacities: 500-sheets standard labels legal: Output Capacities: 500-sheet standard labels legal: Output Capacities: 500-sheet standard label		
Product Dimensions	2,3:4×5.83 to 8.5 x 14 in; Optional Tray 4:4 x 5.83 to 8.5 x 14  **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 25.00 in		
Product Weight	68.9 lb		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		IP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fonts iird-party flash memory cards; HP LaserJet Fonts and IPDS Emulation availabl	
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 (Archive Red Sustain		
Compatible Network Operating Systems  Militing In System Page Hopport	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0/6.5 [for Windows Server 2008 R2 Ferminal Services, 32- and 54-bit, Citrix XenApp 5.0/6.5/7.5 [for Windows Server 2008 R2 Ferminal Services, 32- and 64-bit, Citrix XenApp 5.0/6.5/7.5 [for Windows Server 2008 R2 Ferminal Services, 32- and 64-bit, Citrix XenApp 5.0/6.5/7.5 [for Windows Server 2008 R2 Ferminal Services, 32- and 64-bit, Citrix XenApp 5.0/6.5/7.5 [for Windows Server 2008 R2 Ferminal Services, 32- and 64-bit, Citrix XenDesktop 5.6/for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit, Citrix XenDesktop 5.6/for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit, Citrix XenDesktop 5.6/for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit, Citrix XenDesktop 5.6/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 Terminal Services, 40-bit, Novell NetWare 6.5/5P8 Novell Clients www.novell.com/iprint, Novell Server 2008 R2 SP1 Terminal Services, 32- and 64-bit, Citrix XenDesktop 7.0/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 40-bit (SP1) Sp1, Novell Open Enterprise Server 11/5P1, Novell Open Enterprise Server 2 for Linux, Novell Servers 2008 R2 SP1 Terminal Services, Windows Server 2008 R2 SP1 Terminal Services, Windows SP2 Terminal Services, Windows SP2 Terminal S		
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) <sup>3</sup>		
Acoustics	Acoustic Power Emissions: 6,9 B(A), Acoustic Pressure Emissions: 5,9 B(A), Acoustic Power Emissions: 6,9 B(A), Acoustic Power Emissions: 6		
Operating Environment	Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 63.5 to 77%; Storage Temperature Range: -4 to 104%; Non-Operating Humidity Range: 10 to 90% RH; Operating Humidity Range: 10 to 90%		
Security Management	Recommended Humidity Operating Range: 30 to 70% RH  Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional IP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with Certificate; Pre-Shared Key, and Kerberos authentication; Supports WIA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP: EAP-TLS); SMMPO; ITTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email Guses 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 Red Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - 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 Splurik SiEMs		

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<sup>&</sup>lt;sup>1</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country. <sup>2</sup> 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. <sup>3</sup> 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. <sup>5</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting. Wi-Fi disabled. <sup>6</sup> 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. <sup>7</sup> May require a firmware upgrade to be compatible, download at http://www.hp.com/go/support <sup>8</sup> 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. <sup>9</sup> 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. <sup>11</sup> Neasured after 15 min in sleep. Exact speed waries depending on the system configuration, software application, driver, document complexity and time in sleep. <sup>12</sup> 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.<sup>2</sup> 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.<sup>2,4</sup>
- Get impressive document quality with near edge-to-edge printing and a convenient, built-in stapler.<sup>5</sup>
- Print what you need, even on the go—from your smartphone or tablet—using HP ePrint<sup>3</sup> or Apple AirPrint™.<sup>6</sup>

#### 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,<sup>7</sup> 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.<sup>8</sup>
- 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,<sup>9</sup> and conserve power with Instant-on Technology.<sup>10</sup>
- Conserve resources and save paper—use automatic two-sided printing.
- Easily recycle Original HP LaserJet toner cartridges through HP Planet Partners.<sup>11</sup>

# HP EcoSolutions

- Reduce energy use with Instant-on Technology.<sup>1</sup>
- 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+

<sup>1</sup> Fax capabilities are available with an optional fax card on the HP LaserJet Enterprise MFP M725dn. <sup>2</sup> Maximum paper capacity of 4,600 sheets requires the purchase of optional paper tray accessories. <sup>3</sup> 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. <sup>4</sup> High-capacity cartridges are optional for the HP LaserJet Enterprise 200 MFP Series M725. <sup>5</sup> In-line stapler is not available on the HP LaserJet Enterprise MFP M725dn or M725f. <sup>5</sup> Supports the following devices running iOS 4.2 or later: iPad<sup>6</sup>, iPad<sup>6</sup> 2, iPhone<sup>6</sup> (3G Sor later), iPod touch<sup>6</sup> (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 Apple<sup>6</sup> inc., registered in the U.S. and other countries. <sup>7</sup> HP Web Jetadmin is free and can be downloaded at hp.com/go/webjetadmin. <sup>6</sup> 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 <sup>1</sup>	Optional	Not available	Not available	✓
500-sheet in-line stapler	Not available	Not available	/	✓
HP High-Performance Secure Hard Disk	✓	✓	✓	✓
Fax	Optional	✓	✓	✓
ENERGY STAR® gualified	✓	✓	✓	✓

<sup>&</sup>lt;sup>1</sup> 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.<sup>4</sup> 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 <a href="https://hpconnected.com">hpconnected.com</a>). 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 <a href="hp.com/go/webjetadmin.">hp.com/go/webjetadmin.</a> 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 <sup>1</sup>	Up to 40 ppm (Black, letter); <b>First page out</b> *: As fast as 10 sec				
Print technology	Laser				
Print resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): HP FastRes 1200 (1200 dpi quality), 600 x 600 dpi with HP Resolution 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: <b>Technology:</b>	Charge Coupled Device (CCD)		
Scan speed <sup>3</sup>			and white), up to 30 ppm (color)		
Scan resolution		Hardware: Up to 600 x 60	0 dpi; <b>Optical:</b> 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 <sup>5</sup>	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	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	
Standard connectivity Network capabilities Wireless capability Modem Memory	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 networkii Optional, enabled with pure	elephone Handset Supported: No; Fax Telephone  00T network; 1 Foreign Interface; 1 Hardware Inter  (Base-T; 802.3az (EEE) support on Fast Ethernet an  10 (optional)  chase of a hardware accessory  33.6 kbps  GB	Mode Supported: No gration Pocket; 2 Internal USB Host	
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) <sup>6</sup>	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  12chase of a hardware accessory  13.6 kbps  12chase of B  12chase	Mode Supported: No gration Pocket; 2 Internal USB Host	
Standard connectivity  Network capabilities  Wireless capability  Modem  Memory  Processor speed  Duty cycle (monthly, A4) <sup>4</sup> Recom monthly page volume	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) <sup>6</sup> Recom monthly page volume  Paper handing	Via HP Jetdirect Ethernet embedded print serve Not Applicable	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 pure 1 80 Up to 200 Up to 5000 t	elephone Handset Supported: No; Fax Telephone  00T network; 1 Foreign Interface; 1 Hardware Inter  (Base-T; 802.3az (EEE) support on Fast Ethernet an  ng (optional)  chase of a hardware accessory  33.6 kbps  GB  0 MHz  0,000 pages  0 20,000 pages	Mode Supported: No gration Pocket; 2 Internal USB Host Id Gig Links; IPsec (standard); 802.11b/g/n wireles	
Standard connectivity  Network capabilities  Wireless capability Modem  Memory  Processor speed buty cycle (monthly, A4) <sup>a</sup> lecom monthly page volume Paper handing Media type	Via HP Jetdirect Ethernet embedded print serve Not Applicable	Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 rr (standard) supports: 10Base-T, 100Base-Tx, 100G networkii Optional, enabled with pure 1 80 Up to 200 Up to 5000 t ad, light, plain, preprinted, prepunched, recycled, re	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)  11hase of a hardware accessory  13.6 kbps  10hbs  10 MHz  10,000 pages  10 20,000 pages	Mode Supported: No gration Pocket; 2 Internal USB Host Id Gig Links; IPsec (standard); 802.11b/g/n wireles	
Standard connectivity  Network capabilities  Wireless capability  Modem  Memory  Processor speed  Duty cycle (monthly, A4) <sup>6</sup> Recom monthly page volume  Paper handing	Via HP Jetdirect Ethernet embedded print serve Not Applicable	Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 or (standard) supports: 10Base-T, 100Base-Tx, 100C networkii Optional, enabled with pure 1 80 Up to 200 Up to 5000 t ud, light, plain, preprinted, prepunched, recycled, re Tray 1: 16 to 53 b (60 to 199 g/m²);	elephone Handset Supported: No; Fax Telephone  00T network; 1 Foreign Interface; 1 Hardware Inter  (Base-T; 802.3az (EEE) support on Fast Ethernet an  ng (optional)  chase of a hardware accessory  33.6 kbps  GB  0 MHz  0,000 pages  0 20,000 pages	Mode Supported: No gration Pocket; 2 Internal USB Host uf Gig Links; IPsec (standard); 802.11b/g/n wireles	
Standard connectivity  Network capabilities  Wireless capability  Modem  **Perocessor speed  Duty cycle (monthly, A4)**  Recom monthly page volume  Paper handing  Media type  Media type  Media weight	Via HP Jetdirect Ethernet embedded print serve Not Applicable	Supported: Yes: T  peed USB 2.0 Device: 1 Gigabit Ethernet 10/100/10  rr (standard) supports: 10Base-T, 100Base-Tx, 1000 networki Optional, enabled with pure 1 800 Up to 200 Up to 5000 Up to 5000 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	elephone Handset Supported: No; Fax Telephone  OOT network; 1 Foreign Interface; 1 Hardware Inte  Base-T; 802.3az (EEE) support on Fast Ethernet an  g (optional)  chase of a hardware accessory  33.6 kbps  GB  0 MHz  0,000 pages  0 20,000 pages  ough, tough paper), bond, cardstock, envelope, labe  Trays 2-6: 16 to 32 lb (60 to 120 g/m²)	Mode Supported: No gration Pocket; 2 Internal USB Host uf Gig Links; IPsec (standard); 802.11b/g/n wireles	
Standard connectivity  Network capabilities  Wireless capability  Modem  Aemory  Processor speed  Puty cycle (monthly, A4) <sup>6</sup> Recom monthly page volume  Paper handing  Media type  Media weight  Custom media sizes  ADF capacity	Via HP Jetdirect Ethernet embedded print serve  Not Applicable  Paper (color, letterhe	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  OOT network; 1 Foreign Interface; 1 Hardware Inte  Base-T; 802.3az (EEE) support on Fast Ethernet an  g (optional)  chase of a hardware accessory  33.6 kbps  GB  0 MHz  0,000 pages  0 20,000 pages  ough, tough paper), bond, cardstock, envelope, labe  Trays 2-6: 16 to 32 lb (60 to 120 g/m²)  0 11.7 x 14.3 in; Trays 3-6: 5.8 x 8.3 to 11.7 x 17 ir,  100 sheets	Mode Supported: No gration Pocket; 2 Internal USB Host ad Gig Links; IPsec (standard); 802.11b/g/n wireles els, transparency, vellum	
Standard connectivity  Network capabilities  Wireless capability  Modem  Alemory  Oroccssor speed  luty cycle (monthly, A4)s  lecom monthly page volume  Paper handing  Media type  Media type  Media weight  Custom media sizes  ADF capacity  Dimensions (W x D x H)	Via HP Jetdirect Ethernet embedded print serve  Not Applicable  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)	Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 rr (standard) supports: 10Base-T, 100Base-Tx, 1000 networkir Optional, enabled with pure  1 80 Up to 200 Up to 5000 Up to 5000 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 \$tandard 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);	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  1.6B  1.0Hiz  1.0000 pages  1.	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)	
Standard connectivity  Network capabilities  Wireless capability  Modem  lemory  rocessor speed  uty cycle (monthly, A4)s  ecom monthly page volume  aper handing  Media type  Media weight  Custom media sizes  ADF capacity  imensions (W x D x H)	Via HP Jetdirect Ethernet embedded print serve  Not Applicable  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)	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  1 880 Up to 200 Up to 5000 t  ad, light, plain, preprinted, prepunched, recycled, rr 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 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)	elephone Handset Supported: No; Fax Telephone  000T 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 0 MHz  19 0 MHz  20,000 pages  20,000 pa	Mode Supported: No gration Pocket; 2 Internal USB Host Id Gig Links; IPsec (standard); 802.11b/g/n wirele els, transparency, vellum In (745 x 681 x 1192 mm); ID in (917 x 1032 x 1192 mm) 225.8 lb (102.42 kg)	
Standard connectivity  Network capabilities  Wireless capability  Modem  Jemory  Trocessor speed  Juty cycle (monthly, A4) <sup>6</sup> Jecom monthly page volume  Paper handing  Media type  Media type  Media weight  Custom media sizes  ADF capacity  Jimensions (W x D x H)  Weight  What's in the box <sup>8</sup>	Via HP Jetdirect Ethernet embedded print serve  Not Applicable  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)	Supported: Yes; T peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10 r (standard) supports: 10Base-T, 100Base-Tx, 100C networkii Optional, enabled with pure  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 (67.1 kg) HP Black Laser Jet Toner Cartridge (10,000 pages); i CD-ROM; Power cord. M725f, M725z & M	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  1 db MHz  1,0000 pages  10 20,000	Mode Supported: No gration Pocket; 2 Internal USB Host Id Gig Links; IPsec (standard); 802.11b/g/n wirelet els, transparency, vellum In (745 x 681 x 1192 mm); Ip in (917 x 1032 x 1192 mm) 225.8 lb (102.42 kg)	
Standard connectivity  Network capabilities  Wireless capability  Modem  Jemory  Trocessor speed  uty cycle (monthly, A4) <sup>6</sup> ecom monthly page volume  Paper handing  Media type  Media type  Media weight  Custom media sizes  ADF capacity  Jimensions (W x D x H)  Jeight  Jehat's in the box <sup>8</sup>	Via HP Jetdirect Ethernet embedded print serve  Not Applicable  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 LaserJet Enterprise MFP M725;	Supported: Yes; T  peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10  rr (standard) supports: 10Base-T, 100Base-Tx, 1000	elephone Handset Supported: No; Fax Telephone  00T network; 1 Foreign Interface; 1 Hardware Inter  00Base-T; 802.3az (EEE) support on Fast Ethernet an  19 (optional)  1 chase of a hardware accessory  33.6 kbps  10 MHz  20,000 pages  10 21.7 x 14.3 in; Trays 3-6: 5.8 x 8.3 to 11.7 x 17 ir  10 3 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)  1 ardware Installation Guide, Support flyer, Warrant  1725ze*: Same as above plus Telecom cable  1-site warranty	Mode Supported: No gration Pocket; 2 Internal USB Host Id Gig Links; IPsec (standard); 802.11b/g/n wireles els, transparency, vellum In (745 × 681 × 1192 mm); In (917 × 1032 × 1192 mm) 225.8 lb (102.42 kg) y guide; Printer documentation and software on	
Standard connectivity  Network capabilities  Wireless capability  Modern  Memory  Processor speed  Duty cycle (monthly, A4) <sup>a</sup> 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 <sup>a</sup> Warranty features  Compatible operating	Via HP Jetdirect Ethernet embedded print serve  Not Applicable  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, Windo 10.6, 05 X Lion, OS X Mountain Lion; For the lates hp.com/go/Junkxmodelscripts,	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  000T network; 1 Foreign Interface; 1 Hardware Inter  00at Base-T; 802.3az (EEE) support on Fast Ethernet an  19 (optional)  1 chase of a hardware accessory  33.6 kbps  10 MHz  20,000 pages  10 21.7 x 14.3 in; Trays 3-6: 5.8 x 8.3 to 11.7 x 17 ir  10 3 cheets  29.3 x 26.8 x 46.9 ir  Max: 36.1 x 40.6 x 46.9 ir  Max: 36.1 x 40.6 x 46.9 ir  Max: 36.1 s 40.6 x 46.9 ir  Max: 36.1 s 40.6 x 46.9 ir  Server 2008 (32 and 64-bit), Windows Server 2008 R  Servica Support (poyell, 2008)  1 go/sap/drivers, hp.com/go/sap/print); HP ePrint  1 glass of the service of the poyell of the	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 22 (64-bit), Windows Server 2012 (64-bit); Mac OS X m/lprint); Linux (hplip.net); UNIX (hp.com/go/unix Mobile Driver (hp.com/go/eprintmobiledriver)	
Standard connectivity  Network capabilities  Wireless capability  Modem  Memory  Processor speed  Puty cycle (monthly, A4) <sup>6</sup> Recom monthly page volume  Paper handing  Media type  Media weight  Custom media sizes	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, Windo  10.6, 05 X Lion, 05 X Mountain Lion; For the later hp.com/go/junkxmodelscripts, hp.com/go/j  PC: Windows 8, Windows 7, Windows Vista, Windows 8, Windows 7, Windows Vista, Windows 8, Windows 7, Windows Vista, Windows 1, Wind	Supported: Yes; T  peed USB 2.0 Device; 1 Gigabit Ethernet 10/100/10  r (standard) supports: 10Base-T, 100Base-Tx, 1000	elephone Handset Supported: No; Fax Telephone  00T network; 1 Foreign Interface; 1 Hardware Inter  10Base-T; 802.3az (EEE) support on Fast Ethernet an  10g (optional)  1 chase of a hardware accessory  33.6 kbps  10 MHz  1,0000 pages  10 20,000 pages  10 20,000 pages  10 20,000 pages  11 2 2 6: 16 to 32 lb (60 to 120 g/m²)  10 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 46.5  206.3 lb (92.35 kg)  1 ardware Installation Guide, Support flyer, Warrant  17252*: Same as above plus Telecom cable  19-site warranty  290/Sap/drivers, lp.com/go/upd); Novell (novell.co  1go/Sap/drivers, lp.com/go/sap/print); HP ePrint  10 wws Server 2008 (23 and 64-bit), Windows Server 2008 R2  190/Sap/drivers, lp.com/go/sap/print); HP ePrint  290/Sap/drivers, lp.com/go/sap/print); HP ePrint  2008 (32 and 64-bit), Windows Server 2008 R2, Windows S	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 (hptp.net); UNIX (hp.com/go/unix Mobile Driver (hp.com/go/eprintmobiledriver) ws Server 2012 (64-bit); 200 MB available hard d	
Standard connectivity  Network capabilities  Wireless capability  Modern  Aemory  Processor speed Puty cycle (monthly, A4) <sup>4</sup> tecom monthly page volume  Paper handing  Media type  Media type  Media weight  Custom media sizes  ADF capacity  Dimensions (W x D x H)  Veight  What's in the box <sup>4</sup> Varranty features  Compatible operating systems  Inimum system equirements	Not Applicable  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, Windou 10.6, 05 X Lion, 05 X Mountain Lion; For the lates hp.com/go/unixmodelscripts, hp.com/go/looks 8, Windows 7, Windows Vista, Windows 8, Windows 7, Windows Vista, Windows 7, Windows Sista, Windows 7, Windows Sista, Windows 7, Windows Sista, Windows 8, Windows 9, Windows	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  80  Up to 200  Up to 5000 t  ud, 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 LaserJet Toner Cartridge (10,000 pages); t CD-ROM; Power cord. M725f, M725x 2 k  one-year or ws XP (SP2+), Windows Server 2003 (SP1+), Windows st operating system support see: Gitrix and Windows T  lows XP (SP2+), Windows Server 2003 (SP1+), Windows st operating system compatible hardw lows XP (SP2+), Windows Server 2003 (SP1+), Windows space; operating system compatible hardw lows XP (SP2+), Windows Server 2003 (SP1+), Windows Space; operating system compatible hardw lows XP (SP2+), Windows Server 2003 (SP1+), Windows Space; operating system compatible hardw lows XP (SP2+), Windows Server 2003 (SP1+), Windows Space; operating system compatible hardw lows XP (SP2+), Windows Server 2003 (SP1+), Windows Space; operating system compatible hardw lows XP (SP2+), Windows Server 2003 (SP1+), Windows Space; operating system compatible hardw	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 ir  Max: 36.1 x 40.6 x 46.9 ir  Server 2008 (32 and 64-bit), Windows Server 2008 R  erminal Services (lip.com/go/upd); Novell (novelt. co-  go/sap/drivers, p.com/go/sap/print); HP ePrint  ows Server 2008, Windows Server 2008 R2, Windo  are system requirements, see microsoft.com; system requirements, see microsoft.com; system requirements, see microsoft.com; system requirements, see microsoft.com;	gration Pocket; 2 Internal USB Host ad Gig Links; IPsec (standard); 802.11b/g/n wireles als, transparency, vellum at (745 × 681 × 1192 mm); bin (917 × 1032 × 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/liprint); Linux (hplip.net); UNIX (hp.com/go/punix) two 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	
Standard connectivity  Network capabilities  Wireless capability  Modern  Memory  Processor speed  Duty cycle (monthly, A4) <sup>4</sup> 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 <sup>4</sup> 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  oave Server 2008, Windows Server 2008 R2, Windo  are system requirements, see microsoft.com;  subtention (Euro symbol built-in); stern terquirements,  subtention (Euro symbol built-in); tern lods enemory cards; HP Laser Jet Fonts and IPDS Emulatio	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) <sup>5</sup> 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 <sup>6</sup> 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: Acoustic<sup>10</sup>

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)

<sup>1</sup> 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. <sup>2</sup> Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>2</sup> Exact speed varies depending on the system configuration, software application software. <sup>4</sup> 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. <sup>3</sup> Based on standard ITU-Test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. <sup>5</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a due provides a one memory. <sup>5</sup> 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. <sup>8</sup> 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.

<sup>1</sup> 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 Pocket<sup>1</sup>
- 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 Pocket<sup>1</sup> √ √ 100-sheet tray 1, 550-sheet tray 2 550-sheet paper feeder<sup>3</sup> Optional (up to four) √ (plus up to three optional) 2,100-sheet paper feeder<sup>3</sup> 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 Optional<sup>6</sup> Optional<sup>6</sup>

<sup>1</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. <sup>2</sup> 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. <sup>3</sup> 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. <sup>4</sup> 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. <sup>4</sup> 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. <sup>6</sup> 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. <sup>7</sup> 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,<sup>3</sup> 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

<sup>1</sup> 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	<b>A4:</b> Up to 61 ppm black; <b>Letter:</b> Up to 65 ppm black; <sup>9</sup> ; <b>A5:</b> U	Jp to 100 ppm <sup>10</sup> ; <b>First Page Out Black:</b> As fast as 5.1 sec; <sup>11</sup>		
Ouplex Print speed	A4: Up to 50 ipm black; Letter: Up to 53 ipm black			
rint resolution	Black (best): Up to 1200 × 1200 dpj; Black (normal): FastRes 1200; Black (fine lines): Up to 1200 × 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 (black)			
Standard Print Languages	HP PCL 6, HP PCL 5, HP postscript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™			
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 SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver			
Standard Connectivity		Utility - Managed Printing Administrator);		
Network Capabilities	1 Hi-Speed USB 2.0 Device; 2 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket  Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 100Base-			
	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 3JN69A, 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 <sup>7</sup>	HP ePrint; Apple AirPrint™; Google Cloud Print™; Mopria™ Certified; ROAM capable for easy printing; Wi-Fi® Direct printing <sup>7</sup>		
Memory		emory, when 1GB Accessory DIMM is installed		
Processor Speed		00 GB (with accessory B5L29A)		
Duty Cycle	Monthly, letter: Up to 275,000 pagesRecommo	ended Monthly Page Volume: 5000 to 25000 <sup>12</sup>		
Paper Handling	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder: Up to 650 sheets standard labels legal; <b>Output Capacities</b> : 500 sheet output biru, Up to 500 sheets standard labels legal; <b>Duplex Options</b> : Automatic (standard); <b>Envelope Feeder</b> : Yes, 75 (optional); <b>Standard Paper Trays</b> : 2; <b>Media Types Supported</b> : Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), monor transparency, labels, letterhead, envelope, heavy envelope; <b>Media Weight Supported</b> : Automatic Duplexer: 16 to 32 lb; <b>Media Sizes Supported</b> : 100-sheet multipurpose Tray 1: Letter, Legal, Executive, Statement, Oficio (8.5 x 13), 4 x 5 in, 5 x 7 in, 5 x 8 in; 500-sheet optional feeder: Letter, Legal; F5-sheet optional Greder: 49, #10, Monarch; <b>Media Sizes Custom</b> : 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 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 f	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder; 1\(1\) to 1200 sheets standard labels leagi. Output Capacities: 500 sheet output bin; Up to 500 sheets standard labels leagid. Uptut Capacities: 500 sheet output bin; Up to 500 sheets standard labels leagid. Uptue Suptons: 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 orugh, 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), 3 x 16, 4 x 6 in, 5 x 7 in, 5 x 8 in; 550-sheet optional Feeder: Letter, Legal; 75-sheet optional Executive, Statement, Officio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 2500-sheet optional HCI: Letter, Legal; 75-sheet optional envelope Feeder: #9, #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: \$5.5 x 15 to 7 x 10 x 5.5 x 15 to 7		
Product Dimensions	<b>WxDxH</b> : 17 x 18.3 x 15 in; 431 x 466 x 380 mm <b>Maximum</b> : 17 x 40.9 x 17.8 in; 431 x 1040 x 453 mm	<b>WxDxH:</b> 17 x 18.3 x 19.9 in; 431 x 466 x 505 mm <b>Maximum;</b> 17 x 43.3 x 22.9 in; 431 x 1100 x 581 mm		
Product Weight	47.5 lbs <sup>3</sup> ; 21.6 kg <sup>3</sup>	58 lbs <sup>3</sup> : 26.3 kg <sup>3</sup>		
What's in the box		5K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord. <sup>2</sup>		
Replacement Cartridges	HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages) W1470A; HP 147X High Yield Black Original Las	as yieun, bucumentatuun (haluwate instati duide, negutatui yiryen, Power curu. serjet Toner Cartridge (~25,200 pages) W1470X; HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge jes) W1470Y <sup>6</sup>		
Warranty Features		to http://www.hp.com/support to learn about HP award winning service and support options in your region.		
Energy Star Certified		es		
Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Silver;	EPEAT® Gold (#AAZ, #201 options only)		
Control Panel		hscreen; rotating (adjustable angle) display; Home button		
		) with touchscreen; rotating (adjustable angle)		
Display Description		x, only on http://hp.com, http://123.hp.com;		
Software Included	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript level 3 emulation (Euro sy			
Fonts and Typefaces	Additional font solutions available via third-party flash memory cards: HP Lase	ribot built-in), i internat onicode ronts (Andale Mono World 1996), 2 internat Windows vista o ronts (Calion, Cambria) r let Fonts and IPDS 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 Sierra v10.13, Apple® macOS High Sierra v10.14, Apple® macOS Mojave v10.15, 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 product name and search for type Clief / PS Printer Drivers-, 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 type Clief / PS Printer Drivers-, For more information on the supported Operating Systems section, UPD PCL6 / PS Printer Drivers (Supported Operating Systems section).			
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, Clitrix Server 6.5. (Citrix XenApp & XenDesktop 7.6, Novell Prints server, "Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://location.even.prints.com, Linux-For more information see http://location.even.prints.com/pp.linux-imaging-and-printing. Unix-For more information see http://location.gridp.unixmodelscripts, Linux-For more information see http://location.gridp.unixmodelscripts, Linux-For more information see http://location.gridp.unixmodelscripts, Linux-For more information see http://location.gridp.unix-For mor			
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), 6 A; Power Consumption: 780 watts (printing), 15.3 watts (ready), 3.1 watts (sleep), < 0.1 watts (Auto Off/Manual On), < 0.1 watts (Manual Off) <sup>4</sup> ; Typical electricity consumption (TEC) number: ES: 0.959 kWh/week, BA: 2.425 kWh/week.			
Acoustics	Acoustic Power Emissions: 6.9 B(A); Acoustic Pressure Emissions: 55 dB(A) <sup>8</sup>			
Operating Environment	Operating Temperature Range: 10 to 32.5°C; Recommended Operating Temperature: 15 to 27°C; Storage Temperature	ture Range: -20 to 40°C; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to		
Security Management	70% RH  Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3 and avaced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with Certificate; Pre-Shared Key, and Kerberos authentication; Supports WIA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; 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 Red Balloon Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BloS Integrity (Lecking with Hes Ef-healing capability, Whitelisting - 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			

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 <sup>1</sup>

Expect brilliant color prints from advanced MFPs, equipped with JetIntelligence technology. Offering the world's most secure printing <sup>1</sup> 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 printing<sup>1</sup>

- 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.<sup>3</sup>
- Enter data more quickly and accurately using the pull-out keyboard.<sup>3</sup>
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.<sup>3</sup>
- 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)<sup>2</sup> 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

<sup>1</sup> 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.

<sup>&</sup>lt;sup>3</sup> For z and zs model only

#### Product walkaround

- 1. Hardware Integration Pocket<sup>1</sup>
- 2. 200-sheet inner finisher output bin
- 3. 500-sheet output bin
- 4. Convenience stapler<sup>2</sup>
- 5. Stapler/stacker inner finisher<sup>2</sup>
- 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 Energy<sup>3</sup>
- 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  $12 \times 18$  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 port<sup>5</sup>











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 <sup>8</sup> )		√		
100-sheet multipurpose tray 1 and 550 sheet tray 2	√			
1x550-sheet paper tray	Optional (add up to one) <sup>9</sup>	√	Not applicable	
2x550-sheet paper tray and stand	Optional (add up to one stand only) √			
2,700-sheet HCl paper tray and stand	Optional (add up to one stand only)  Not applicable		olicable	
HP LaserJet stand	Optional (add up to one stand only)  Not applicable			
Stapler/Stacker inner finisher	Not ap	plicable	$\checkmark$	
Convcenience stapler	Not ap	plicable	$\checkmark$	
Input capacit y (standard/maximum <sup>10</sup> )	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	Not applicable √		
Recommended monthly page volume <sup>11</sup>	Up to 40,000 pages			
Cartridge yield <sup>12</sup> (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 <sup>13</sup>	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. <sup>8</sup> 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.

<sup>9</sup> 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-nandling 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

<sup>1</sup> 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<sup>®</sup> and Wi-Fi Direct with Bluetooth<sup>®</sup> 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<sup>®</sup>. 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.

pace or bu	1511110535.
Accessories	5
2NR09A	HP 2GB 144-Pin DDR3 TAA Version DIMM
2MU47A	HP Accessibility Assistant
2TD64A	HP Accessibility Kit
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
4QL32A	HP Legic Secure USB Reader
5EL03A	HP TAA Version Secure Hard Disk Drive
B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
B5L31A	HP Foreign Interface Harness
CC543B	HP SmartCard NIPRNet Solution for US Government
E5K48A	HP 1 GB x32 144-pin (800 MHz) DDR3 SODIMM
E5K49A	HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
F8B30A	HP SmartCard SIPRNet Solution for US Government
J8031A	HP Jetdirect 2900nw Print Server
X3D03A	HP Universal USB Proximity Card Reader
Y7C05A	HP HIP2 Keystroke Reader
2EH31A	HP MFP Analog Fax 700 Accessory
F8B30A	HP Smartcard SIPRNet Solution
T3V27A	HP LaserJet 550-sheet Paper Tray
T3V28A T3V29A	HP LaserJet Printer Stand HP Color LaserJet 2x550-sheet Feeder and Stand
T3V29A	HP LaserJet 2700-sheet High Capacity Paper Tray and Stand
IJVJUA	The Laserset 2700-sheet riight capacity raper fray and stand
Supplies	
W2010A	HP 659A Black LaserJet Toner Cartridge (~16,000 pages)
W2011A	HP 659A Cyan LaserJet Toner Cartridge (~13,000 pages)
W2012A	HP 659A Yellow LaserJet Toner Cartridge (~13,000 pages)
W2013A	HP 659A Magenta LaserJet Toner Cartridge (~13,000 pages)
W2010X	HP 659X Black LaserJet Toner Cartridge (~34,000 pages)
W2010X W2011X	
	HP 659X Cyan LaserJet Toner Cartridge (~29,000 pages)
W2012X	HP 659X Yellow LaserJet Toner Cartridge (~29,000 pages)
W2013X	HP 659X Magenta LaserJet Toner Cartridge (~29,000 pages)
W2004A	HP 660A Original LaserJet Imaging Drum (~65,000 pages, universal for all 4 colors)
J8J96A	HP Staple Refill Cartridge (only for ZS model)
Services	
LICOVAE	LIDE NOD JOHD CLIE LATTICEUS
UC2X1E	HP 5y NBD w/DMR CLJ Ent M776 SVC
UC2X4E	HP 5y 4h 9x5 w/DMR CL J Ent M776 SVC
UC2X7E	HP 5y 4h 13x5 w/DMR CLJ Ent M776 SVC
UC2Y0E	HP 5y ChnlPartsOnly CLJ Ent M776 SVC
UC2Y2PE	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

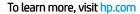
Model Model	HP Color Laser Jet Enterprise MFP M7 / 6 Series	HP Color LaserJet Enterprise Flow MFP M776z	HP Color LaserJet Enterprise Flow MFP M776zs	
Product number AIO functions	T3USSA Print, copy, scan and optional fax	3WT91A Print, copy, scan and fax	T3U56A	
Print			Letter: Up to 45 ppm Black; Up to 45 ppm Color; 2-sided: Up to 45 ipm	
Print speed <sup>10,12,11</sup>	Letter: Up to 45 ppm Black; Up to 45 ppm Color; 2-sided: Up to 45 ipm Black; Up to 45 ipm Color; First page out: As fast as 6.5 sec Black; As fast as 6.8 sec Black; As fast as 6.8 sec Black; Up to 35 ipm Color; Print speed (Landscape, AS): Up to 35 ppm Black; Up to			
Print resolution	Black (best) Up to 1200 x 1200 dpi; Black (normal) Up to 600 x 600 dpi; Blac (normal) Up to 600 x 600 dpi; Blac (olor (best); Up to 1200 x 1200 dpi; Color (normal): Up to 600 x 600 dpi; Col		atod	
Print technology Print cartridges number	4 toner cartridges (1 each for black, cyan, magenta, yellow); 4 drum units (1			
Standard print languages Printer smart software eatures	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16),	cript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™, Google Clou collation, watermarks, store print jobs, easy-access USB, HP EasyColor	ad Print	
Printer management		: HP SNMP Proxy Agent: HP Web JetAdmin Software: HP WS Pro Proxy Agent: I	Printer Administrator Resource Kit for HP Universal Print Driver: Driver	
Scan Scan type / Technology	Type: Flatbed, ADF; Technology: Charge Coupled Device (CCD) Flatbed; Conta			
Scan resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 dpi		OCR) Unicode TEXT (OCR) RTF (OCR) Searchable PDF (OCR) Searchable PD	
Scan file format	Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT ( (OCR), HTML (OCR), CSV (OCR): Scan to easy access USB: PDF, JPEG, TIFF, MTI (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR)		
Scan input modes Scan Size	Front panel applications: Copy; E-mail; Save to Network Folder; Save to USB  ADF: 11.7 x 34 in Maximum; 2.75 x 5 in Minimum; Flatbed: 11.7 x 17 in	; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXF ADF: 11.7 x 34 in Maximum; 2.75 x 5 in Minimum; Flatbed: 11.7 x 17 in	P) applications; HP Scan or user application via TWAIN	
Scan speed <sup>15</sup>	Up to 90 ppm (b&w),up to 90 ppm (color) <b>Duplex:</b> Up to 180 ipm (b&w),up to 180 ipm (color)	Up to 120 ppm (b&w),up to 120 ppm (color) <b>Duplex:</b> Up to 240 ipm (b&w),up	o to 240 ipm (color)	
Scanner advanced features	Optimize text/picture; image adjustments; Job build; Output quality setting; Selectable scan resolution? 5 to 600 dp; Auto detect color; Edge Eraes; Job notification; Blank page suppression; HP Quick Sets; PDF, PDF/AT TIFF; XPS; Scan File FOrmat: Hi-Compression PDF; JDF, MTIFF; PDF, PDF/AT, TIFF; XPS; HP scan supports: JPG, RAW(BMP), PDF, Searchable PDF, PDF/AT, TIFF, PNG, RTF, TXT	Optimize text/picture; Image adjustments; Job build: Output quality setting; notification; Blank page suppression; HP Quick Sets; HP EveryPage; Auto or Auto-tone; <b>Scan File Format:</b> Hi-compression PDF; JPG; MTIFF; PDF; PDF/A TIFF, PNG, RTF, TXT	Selectable scan resolution 75 to 600 dp; Auto detect color; Edge Erase; Job ientation; Embedded Optical Character Recognition (OCR), Auto crop to pag ; TIFF; XPS; HP scan supports: JPG, RAW(BMP), PDF, Searchable PDF, PDF	
Bit depth / Grayscale levels Digital sending standard features	24-bit; Internal: 49-bit / 256  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 Content; Compact PDF	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 SSL ompact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto	
Сору		55 01 4 6 7 77 61 2 4444 4 45 01 1 4 4 45	Black (ISO): Un to 46 cpm: Color (ISO): Un to 46 cpm: First copy out: As fas	
Copy speed <sup>8</sup>	ipm Color	s 5.6 sec Black; As fast as 7.7 sec Color; <b>2-sided:</b> Up to 45 ipm Black; Up to 45	Black (ISO): Up to 46 cpm; Color (ISO): Up to 46 cpm; First copy out: As fas as 6.7 sec Black; As fast as 8.8 sec Color; 2-sided: Up to 45 ipm Black; Up 45 ipm Color	
Copy resolution Maximum Number of Copies	Color (text and graphics): Up to 600 x 600 dpi Up to 9999 copies			
Copier resize Copier settings	25 to 400%  Two-sided copying, scalability, image adjustments (darkness, contrast, back copy (different media sizes)	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-	
ax	copy (uniterent media sizes)	Up to:33.6 kbps / Letter:6 sec per page		
ax speed ax resolution		Black (best): Up to 300 x 300 dpi; Black (standard): 203 x 98 dpi	ANI/laborate for a formation that the state of the state	
ax 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 Fax forwarding supported: Yes; Fax phone TAM interface supported: No: Fax	knymernet rax, Fax number commination; Holiday rax scriedule laling: Yes; Fax delayed sending: No; Distinctive ring detection supported: No polling supported: No: Fax telephone mode supported: No: Junk barrier	
ax Features		Fax memory: Up to 500 pages; Auto fax reduction supported: Yes; Auto-red Fax forwarding supported: Yes; Fax phone TAM interface supported: No: Fax supported: Yes, up to 30 numbers may be blocked; Maximum speed dialing included; Remote retrieval capability supported: No; Telephone handset sup	numbers: Up to 1000 numbers; PC interface supported: Yes, software not ported: No	
Connectivity Standard connectivity	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 rear host ports; 1 walkup USB 2.0 host port; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network	1 Hi-Speed Device USB 2.0; 2 Hi-Speed USB 2.0 rear host ports; 1 walkup US	5B 2.0 host port; 1 Gigabit/Fast Ethernet 10/100/1000 Base-TX network po	
standard connectivity	port; 1 Hardware Integration Pocket 2nd generation (HIP2)  Yes, via HP letdirect Ethernet embedded print server (standard) which	1 Hardware Integration Pocket 2nd generation (HIP2), Wireless 802.11n/BLI		
Network capabilities	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), 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)	
Vireless capability	Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wireless hardware accessory. Single band Wireless Station and Wireless Station functionality available with Hip Indirect 2000mb print Server J8031A	Yes, built-in Embedded WiFi with Dual band Wireless Station and Wi-Fi Direct functionality and BLE. Dual band Wireless Station functionality available HP Jetdirect 2900nw Print Server J8031A; NFC functionality available with HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A		
Mobile printing capability	Apple AirPrint™; Google Cloud Print™; HP ePrint; Mopria™ Certified; Roam ca			
Memory <sup>9</sup> Processor speed		Standard: 5.0 GB; Maximum: 5.0 GB 500 GB High-Performance SED Hard Disk (AES 256 hardware encryption or gre	ater)	
Outy cycle (monthly) <sup>13</sup> Paper handling	Letter:up to 200,000 pages; Recommended monthly page volume <sup>13</sup> : up to 4	40,000 pages		
nput	100-sheet multi-purpose tray, 1x 550 sheet paper tray; Up to 650 sheets (MP Tray: up to 100 sheets; Tray 2: up to 550 sheets) Standard; Up to 10 envelopes	100-sheet multi-purpose tray, 2x 550 sheet paper trays, 2x 550 sheet 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; 2x 550-sheet tray and stand: up to 1100 sheets! Standard; Up to 10 ervelopes	100-sheet multi-purpose tray, 1x 550 sheet paper tray, 2x550 sheet pa tray and stant! Up to 1750 sheets (MP Tray: up to 100 sheets; Tray 2; up 550 sheets; 2x550 input tray and stand: up to 1100 sheets) Standard; Uj 10 envelopes Standard: 700 sheets: 500 sheet output tray and 200 sheet Inline 2 bin	
Output	Standard: 500 sheet output tray; Up to 500 sheets Standard; Transparend	es; up to 50 sneets; up to 10 envetopes	stapler/stacker (also includes convenience stapler); Up to 700 sheets Standard; <b>Transparencies:</b> Up to 50 sheets; Up to 10 envelopes	
Ouplex Options Auto document feeder	Automatic (standard) Standard, 200 sheets			
apacity Invelope feeder	No No			
itandard paper trays Media types	Paper (plain, heavy, extra heavy, glossy, light, recycle, tough), envelopes, lab	5 sels, glossy film, cardstock, transparencies	4	
Media weight	100-sheet multipurpose Tray 1: 16 to 80 lb, 550-sheet input Tray 2: 16 to 68 lb, Optional 1x550 and 2x550 tray and stand: 16 to 68 lb, Optional 2700-sheet HCl paper tray and stand: 16 to 68 lb	100-sheet multipurpose Tray 1: 16 to 80 lb, 550-sheet input Tray 2: 16 to 68 lb, 1x550 and 2x550 tray and stand: 16 to 68 lb	100-sheet multipurpose Tray 1: 16 to 80 lb, 550-sheet input Tray 2: 16 68 lb, 2x550 tray and stand: 16 to 68 lb	
Media sizes	100-sheet multipurpose Tray 1: Statement, 3 x 5 index card, 4 x 6 index card, 5 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; 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:	100-sheet multipurpose Tray 1: Statement, 3 x 5 index card, 4 x 6 index card, 5 x 7 index card, 5 x 8 index card, 5 x 7 index card, 5 x 8 index card, 1 etite, Letter-R, Legal, Executive, 11 x 17 in; 8 x 13, 1 z x 18, Envelopes: #9, #10, Monarch; 550-sheet input Tray 2: Letter, Letter, Regal, Executive, 8 x 13, 11 x 17 in; 1 x 550 and 2 x 13, 11 x 17 in; 1 x 550 and 2 x 13, 11 x 17 in; 1 x 17 i	100-sheet multipurpose Tray 1: Statement, 3 x 5 index card, 4 x 6 index card, 5 x 8 index card, 5 x 8 index card, 5 x 8 index card, 1 tetter, Letter-R, Legal, Executive, x 17 in; 8.5 x 13, 1 x x 18, revelopes: 49, x 110, Monarch; 550-sheet input Tray 2: Letter, Letter-R, Legal, Executive, 8.5 x 13, 1 x 17 in; 2 x 550 tray stand: Letter, Letter-R, Legal, Executive, 8.5 x 13, 1 x 17 in; 1 x x 18	
W. F. C	Letter 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:	100 -sheet multipurpose Tray 1: 2.5 x 5 to 12.6 x 18 in: 550-sheet input	100 -sheet multipurpose Tray 1: 2.5 x 5 to 12.6 x 18 in: 550-sheet input	
Media Sizes Custom	5.8 x 5.8 to 12.6 x 18 in; Optional 2700-sheet HCl paper tray and stand: 11 x 8.27 to 11.7 x 8.5 in	Tray 2: 5.8 x 5.8 to 11.7 x 17 in; 1x550 and 2x550 tray and stand: 5.8 x 5.8 to 12.6 x 18 in	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 x in	
imensions (w x d x h) <sup>4</sup> Veight <sup>5</sup>	23.03 x 26.10 x 27.95 in; <b>Maximum</b> : 36.26 x 26.10 x 27.95 in 156.3 lb	23.03 x 28.03 x 45.67 in; <b>Maximum:</b> 44.88 x 35.51 x 45.67 in 254.6 lb	27.76 x 28.03 x 45.47 in; <b>Maximum:</b> 45.28 x 35.51 x 45.47 in 289.2 lb	
What's in the box <sup>3</sup>	HP Color Laser let Enterprise MFP M776dn printer; HP Black Original Laser let Toner Cartridge (~16,000 pages), HP Cyan, Magenta and Yellow Original Laser let Toner Cartridges (~13,000 pages each), and 4 HP Original Laser let Imaging Drums (~65,000 pages each color); Getting started Guide; 1 Power coro	HP Color Laserlet Enterprise Flow MFP M7785 printer; HP Black Original Laserlet Toner Cartridge (~1 6,000 pages), HP (yan, Magenta and Yellow Original Laserlet Toner Cartridges (~13,000 pages each), and 4 HP Original Laserlet Imaging Drums (~65,000 pages each color); Getting started Guide; 1 Power cord	HP Color Laser Jet Enterprise Flow MFP M776zs printer: HP Black Original Laser Jet Toner Cartridge (~16,000 pages), HP Cyan, Magenta and Yellow Original Laser Jet Toner Cartridges (~13,000 pages each), and 4 HP Origin Laser Jet Imaging Drums (~65,000 pages each color); Getting started Guil 1 Power cord:	
Replacement cartridges <sup>7</sup>	W2010A HP 659A Black LaserJet Toner Cartridge (~16,000 pages); W2011A LaserJet Toner Cartridge (~13,000 pages); W2010X HP 659X Black LaserJet (~29,000 pages); W2013X HP 659X Magenta LaserJet Toner Cartridge (~29	, HP 659A Cyan LaserJet Toner Cartridge (~13,000 pages); W2012A HP 659A \ Toner Cartridge (~34,000 pages); W2011 X HP 659X Cyan LaserJet Toner Cart ,000 pages); W2004A HP 660A Original LaserJet Imaging Drum (~65,000 page	/ellow LaserJet Toner Cartridge (~13,000 pages); W2013A HP 659A Magent ridge (~29,000 pages); W2012X HP 659X Yellow LaserJet Toner Cartridge ss. universal for all 4 colors)	
Varranty features		s vary by product, country and local legal requirements. Contact your Contract		
nergy efficiency compliance	2 ENERGY STAR® qualified; EPEAT® Silver; CECP	CECP; ENERGY STAR® qualified; EPEAT® Silver; EPEAT® Gold (#201 option only)	ENERGY STAR® qualified; EPEAT® Silver; CECP; EPEAT® Gold (#AAZ, #201 options only)	
ontrol panel Iisplay	9.0-inch functional touchscreen with 8.0 in (20.3 cm), (1024x768) LCD (colo		ntegration Pocket; easy access USB	
oftware included onts and typefaces	No software solutions are included in the Box only on http://hp.com, http:// 105 internal TrueType fonts scalable in HP PCL, Barcode font variants (Code	39, I2 of 5, UPC/ENA, Code 128, OCR-A/OCR-B), 92 internal scalable fonts in F	IP Postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode Fo	
Compatible operating systems	(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 tont solutions available via third-party flash memory cards; HP L D Win7 Ultimate; Mobile OS: iOS, Android; Apple® macOS High Sierra v10.13, A) ms go to http://support.hp.com, Enter your product name and search, Click on stems section; UPO PCL6 / PS Printer Drivers: For more information on the sup arch for User Guide, Search for your (Product Name) User Guide, Search for the	aserJet Fonts and IPDS Emulation available at hp.com/go/laserjetfonts	
Compatible network operating systems	Windows Server 2008 R2 64-bit: Windows Server 2008 R2 64-bit (SP1), Wir Cluster 2012 R2; Terminal server 2008 R2; Remote Desktop server 2012 R2 http://citiweady.citrix.com; Linux-For more information see http://develope http://developers.hp.com/hp-linux-imaging-and-printing; Unix: For more ini http://support.hp.com, Enter your product name and search, Click on User G	ndows Senver 2012 64-bit, Windows Senver 2012 R.2 64-bit, Wind	Ready Kit Certification: Up to Citrix Server 7.18 for more information see p://hp.com/go/unixmodelscripts; Linux: For more information see rrs: For more information on the supported operating systems go to (Product Name) User Guide, Search for the Supported Operating Systems	
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; irdware requirements see apple.com		
Power <sup>14</sup>	Power supply type: Internal (Built-in) power supply; Power supply required: Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # 0 ff), 0.07 watts (0ff): Typical electricity consumption (TEC) number: 2.470 k	110-volt input voltage: 110 to 127 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- Option code identifier); <b>Power consumption<sup>6</sup>:</b> 900 watts (printing), 100 watts (t Wh/Week (BA), 0.734 kWh/Week (ES Ver.3.0)	3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 6 Ready), 0.8 watts (Sleep), 0.8 watts (HP Auto-Off/Auto On), 0.07 watts (Auto	
Acoustics	Acoustic power emissions: 6.7 B(A) (printing at 46 ppm)  Operating temperature range: 50 to 90.5°F; Recommended operature range: 50 to 90.5°F; Recommended operature range: 50 t	Acoustic power emissions: 6.7 B(A) (printing at 46 ppm)  perature: 59 to 80.6°F; Storage temperature range: -4 to 104°F; Operating hu	Acoustic power emissions: 6.9 B(A) (printing at 46 ppm)	
Operating environment	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. WPA		
Security management	Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Su	pport for WJA-10 IPsec Configuration using IPsec Plug-in		

#### Data sheet I HP Color LaserJet Enterprise MFP M776 series

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

  <sup>3</sup> 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
- <sup>5</sup> 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
- <sup>8</sup> 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.
- <sup>9</sup> 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.<sup>2</sup> Control costs with energy-saving features and two-sided printing.<sup>8</sup> 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)

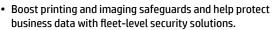
#### **Upsize and accelerate—fast A3 printing**

- 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.<sup>2</sup>
- Replace toner cartridges easily. Choose high-capacity Original HP toner cartridges for frequent printing.<sup>3</sup>

#### 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 printing<sup>8</sup> on this ENERGY STAR<sup>®</sup> qualified printer.
- Original HP toner cartridges are easily recycled—for free—through HP Planet Partners.<sup>4</sup>

#### Simplify IT management and safeguard data



- Safeguard confidential data stored on the printer, with the installed HP High-Performance Secure Hard Disk.<sup>5</sup>
- 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.<sup>7</sup>

## 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.<sup>6</sup>
- 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.<sup>1</sup>
- Save paper by up to 50% with automatic two-sided printing.<sup>3</sup>
- Free, convenient cartridge recycling in more than 50 countries.<sup>2</sup>



ENERGY STAR® Qualified Product3

- HP Auto-On and Auto-Off capabilities subject to printer and settings.
- <sup>7</sup> 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: <a href="https://doi.org/10.1007/j.com/recycle.">https://doi.org/10.1007/j.com/recycle.</a>
- <sup>3</sup> 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

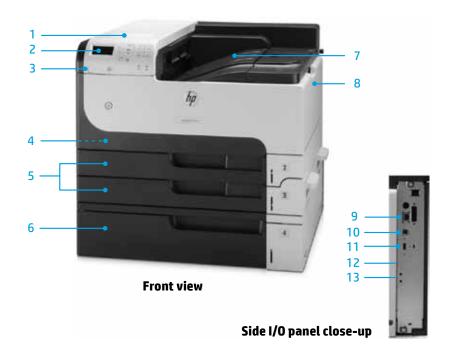
Printer M712dn)



## **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,<sup>4, 5</sup> and automatic two-sided printing reduces paper use.<sup>3</sup> 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.<sup>2</sup> 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

<sup>&</sup>lt;sup>1</sup> 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. <sup>2</sup> 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. <sup>3</sup> Automatic two-sided printing on the M712n requires purchase of optional duplex accessory. <sup>4</sup> HP Auto-On and Auto-Off capabilities subject to printer and settings. <sup>5</sup> Compared with products that use traditional fusing. <sup>6</sup> 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	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	<del>-</del> :	
Printer Smart Software Features	HP ePrint, Apple AirPrint™, HP Aut	o On/Auto Off technology, FutureSmart Firmware, Hardware I		
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	<b>Duty cycle:</b> <sup>2</sup> 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		<b>Tray 1:</b> Letter, legal, executive, 8.5 x 13 in, 11 x 17 in; <b>Tray 2:</b> Letter, legal, executive, 8.5 x 13 in; <b>Tray 3:</b> Letter, legal, executive, 8.5 x 13 in, 11 x 17 in		
Media Weight	Tray 1: 16 to 53 lb; Tray 2, 3: 16 to 32 lb		legal, executive, 8.5 x 13 in, 11 x 17 in, 16K <b>Tray 1:</b> 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	-	
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	Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP (SP2+), Windows Server 2003 (SP1+), Windows Server 2008 (32 and 64-bit), Windows Server 2008 R2 (64-Mac OS X v10.6, 10.7; For the latest operating system support see: Citrix and Windows Terminal Services (http://www.hp.com/go/upd); Novell (novell.com/jprint); Linux (hpling UNIX (hp.com/go/unix, hp.com/go/unixmodelscripts, hp.com/go/jetdirectunix_software); SAP device types (hp.com/go/sap/drivers, hp.com/go/sap/print); HP ePrint Mobile (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 ( <b>Maximum:</b> 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) <b>Maximum:</b> 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		PC: Windows 10, Windows 8, Windows 7, Windows Vista, Windows XP (SP2+), Windows Server 2003 (SP1+), Windows Server 2008, Windows Server 2008 R2; 200 MB available hard disk space; operating system compatible hardware system requirements, see http://www.microsoft.com		
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

Acoustic<sup>4</sup>

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 Consumption<sup>5</sup>

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.<sup>2</sup>
- 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.<sup>7</sup>
- 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.

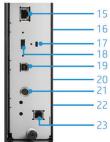
<sup>1</sup> Touch-to-print capability is standard in the HP Color Laser Jet Enterprise flow MFP M880z + D7P71A model, and may be added as an option to the HP Color Laser Jet Enterprise M880z + A2W75A and M880z A2W75A. Mobile device must support near-field communications-enabled printing, For a list of supported devices, see hp.com/go/mobileprinting <sup>2</sup> 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. <sup>3</sup> The HP Universal Print Driver is free and available for download at hp.com/go/upd <sup>4</sup> 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., <sup>5</sup> Paper-handling options must be purchased separately, <sup>6</sup> 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. <sup>7</sup> HP Web Jetadmin is free and available for download at hp.com/go/mobileprinting for more details. <sup>7</sup> 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 integration<sup>1</sup>
- 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	

<sup>&</sup>lt;sup>1</sup>Solutions 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.<sup>1,6</sup>

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

<sup>&</sup>lt;sup>1</sup> 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 <sup>6</sup>Local 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 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.

#### **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	-	ultitasking supported: Yes
Print speed		ut Black: As fast as 11 sec; First Page Out Color: As fast as 11 sec
Print resolution	Black (best): Up to 1200 x 1200 dp	oi; <b>Color (best):</b> Up to 1200 x 1200 dpi
Print Technology	Laser; Print Resolution Technologies: HP ImageREt 4800; HP FastRes 1200 (120	0 dpi quality), 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); Pantone© Calibrated
Print Cartridges Number	4 (1 each Cyan, M	agenta, Yellow, Black)
Standard Print Languages	HP PCL 6, HP PCL 5, HP po	stscript 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 Jetadn	nin; HP Utility (Mac)
Scan Type / Technology	Type: Flatbed, ADF; Technolo	ogy: Charge Coupled Device (CCD)
Scan Resolution	Hardware: Up to 600 x 60	00 dpi; <b>0ptical:</b> 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 (OCF)	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), F	TML (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 netw	ork folder, scan to USB, save to device
Scan Size		2.7 in Minimum; <b>Flatbed:</b> 11.7 x 17 in
Scan Speed		uplex: Up to 85 ipm (b&w), up to 63 ipm (color)
Scanner Advanced Features	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 d	pi; Auto detect color; Edge erase; Auto tone; Auto job notification; Blank page suppression; Auto orientation; Auto pag
	crop; HF	P Quick Sets
Bit depth / Grayscale levels	24-1	oit / 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 <sup>2</sup>
Copy Resolution	Black (text and Graphics): Up to 600 x 600 dpi	; Color (text and Graphics): Up to 600 x 600 dpi
Maximum Number of Copies	Up to 99	99 copies
Copier Resize	25 to	400%
Copier Settings	Sides; Collate; Paper Selection; Color/Black; Reduc	:e/Enlarge; Image Adjustment; Content Orientation
Fax Speed	<b>Up to:</b> 33.6 kbps; <b>Le</b>	tter: 3 sec per page <sup>3</sup>
Fax Resolution	<b>Black (best):</b> Up to 300 x 300 dp	i; <b>Black (standard):</b> 100 × 100 dpi
	Stored faxes; fax archiving; fax forwarding; scale-to-fit; fax address b	ook; 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 Suppor	Delayed Sending: No; Distinctive Ring Detection Supported: Yes; Fax Forwarding Supported: Yes; Fax Phone TAI ted: Yes, as blocked fax numbers; Maximum Speed Dialing Numbers: Up to 100 (each can contain 100 numbers); Fl I Capability Supported: No; Telephone Handset Supported: No
Standard Connectivity		etwork; 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-Tx	
nethon capabilities	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 (BNO29A) and HP Jetdirect 2700W (BNO29A) are the Special Sp	res, via nº zedimet, citerite entroueue print server Istanuario via muni supports. Orbose-r. (1000es-e-100). Please 1802.3a2 (EEE) support on Fast Ethernet and Gig Links; (Psec (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) <sup>4</sup>
Memory/Processor Speed		Maximum: 2.5 GB (system memory) / 800 MHz
Duty Cycle	Monthly, letter: Up to 200,000 pages (print) <sup>5</sup> ; Recommended Mon	
	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; <b>D7P71A</b> : Tray 1: Letter, Letter-R, Legal, Executive, 11 x 17, 8.5 x	[ray 3, 4: 16 to 32 lb; <b>Media Sizes Supported: A2W75A:</b> 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,
Product Dimensions		Maximum: 39.4 x 31.5 x 47.2 in
Product Weight	332 lb	337 lb
What's in the box	HP Color Laser Jet Multifunction Printer; Black, Cyan, Magenta, and Yellow HP Color Laser Jet Drums; Black, Cyan, Ma (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); 100-sheet multipur;	In genta, and Yellow HP Color Laser Jet Toner Cartridges; CD with software drivers and documentation; Documentation sose tray 1; S00-sheet input tray 2; Automatic duplexer (built-in); Encrypted Hard Drive: 3 x 500-sheet paper input 17P71A); Fax; Fax cable; D7P71A: NFC/direct print kit
Warranty Features	One-year, next-busine	ss day, onsite warranty
Energy Efficiency Compliance	ENERGY STAR® qi	ualified; Blue Angel
Control Panel	8.0-in (20.3 cm) color LCD with Capacitive touchscreen; rotating (adjustable angle) display; illuminated Ca	pacitive 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 Li	ink to Web (Mac Installer); Windows Installer
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 WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria,
	additional font solutions available via third-party flash memory cards; Hi	P Laser Jet Fonts and IPDS Emulation available at hp.com/go/laserjetfonts
Compatible Operating Systems	Windows Terminal Services (hp.com/go/upd); HP ePrint Software Driver (hp.com/go/eprintsoftware); Linux (hplip	2-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/); Citrix and .net); Novell (novell.com/iprint); SAP device types (hp.com/go/sap/drivers); SAP Print (hp.com/go/sap/print); UNIX np.com/go/jetdirectunix.software) <sup>6</sup>
Compatible Network Operating		prise (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 Windows Server 2008 (Estandard Edition); Windows Server 2008 (Estandard Edition); Briton (Server 2008 (Estandard Edition); Windows Server 2008 Server Enrimals Services Windows Server 2003 (Estandard Edition); Windows Vista and Windows 7, (886 and x64); Novell iPrint Support Only; Novell Open Enterprise Server 2 (Linux Cluster Support; Mac 10.5; Mac 10.6; Mac 10.7.5; Mac 10.8.x; Mac 10.9.x; For Linux OS versions, refer to the HP Metaframe Server; Red Hat Linux 7.x or higher; Solaris 2.5 or higher (SPARC systems only); SuSe Linux 8.x or higher	Windows XP (SP2 or higher) (32-bit/64-bit): Windows Server 2012 R2; Windows Server 2012 No. Software Installer teteprise Edition); Windows Server 2008 (32-bit/64-bit) (SP1); Windows Server 2008 (32-bit/64-bit) (SP2); Windows ices; Windows Server 2008 Server Terminal Services with Citrix XenApp; Windows Server 2003 (Standard Edition); t/64-bit) (SP2); Windows Server 2003 R2 (32-bit/64-bit) (Standard Edition, Enterprise Edition); Windows Server 2003 Server 2003 Revices w/Clirtx Presentation Server 4.0; Windows Server 2003 Server Identified Services w/Clirtx Presentation Server 4.0; Windows Server 2003 Server Windows XP, through Server 2003 Server Edition Server Services w/Clirtx (Presentation Server 4.0; Windows Server 2003 Server Ill Windows Vista, Windows 7 and Windows XP (SP7 if only Windows XP); Novell Print Client v5-4 for Windows XP, through University Server 6.5; Other Clirtx (Print); Clirtx XenApps 6.0, XenServer 5.6, XenDesktop 5.5; Other Linux web site: hplipopensource.com/hplip-web/index.html; Unix HPUX 11; IBM AMX 3.2.5 or higher; MPE-4X; Clirtx XenApps 6.0; Amale Vistal Amale Amale Amale Vision Server 2003 Serv
Minimum System Requirements		
Power	Power Supply Type: Built-in power supply; Power Requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%)	**
	power supply varies by part number with # Option code identifier); <b>Power Consumption:</b> 1100 watts (Printing), 1100 watts (Copying), 80 watts (Ready), 8.0 watts (Sleep), 1.2 watt (Auto-Off), 0.4 watts (Off) <sup>7</sup> Acquestic Power Emissions: 7.0 p(A): Acquestic Power Emissions: 5.4 dp(A):8	
Acoustics	Acoustic Power Emissions: 7.0 B(A); Acoustic Pressure Emissions: 54 dB(A) <sup>8</sup> Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storage Temperature Range: 32 to 95%; Non-Operating Humidity Range: 10 to 90% RH; Operating Humidity Range: 10 to 80%	
Acoustics Operating Environment		

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. <sup>2</sup>First 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. <sup>2</sup>Based 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

#### Learn more at hp.com

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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 options<sup>1</sup>.

#### 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 Jetadmin<sup>2</sup>.
- Apply fleet-wide policies to help protect your HP devices with HP Imaging and Printing Security Center<sup>3</sup>.
- Confidently safeguard the sensitive data sent to the printer with the HP High-Performance Secure Hard Disk<sup>4</sup>.

#### Boost efficiency with mobile printing

- Give users simple, direct access to the printer through wireless direct printing<sup>s</sup>.
- Get mobile printing at a touch with Near Field Communications (NFC): enable touch-to-print convenience from mobile devices<sup>6</sup>.
- 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 <sup>3</sup>	Optional <sup>3</sup>	Optional <sup>3</sup>
Two-bin stapler/stacker	Optional <sup>3</sup>	Optional <sup>3</sup>	Optional <sup>3</sup>
Touch-to-print and wireless direct mobile printing 1,2	Optional	Optional	Optional
HP High-Performance Secure Hard Disk <sup>4</sup>	Not available	Yes	Yes

<sup>&</sup>lt;sup>1</sup>Wireless 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 <sup>2</sup>Touch-to-print capability may be added as an option. Mobile device must support near field communications-enabled printing.

<sup>&</sup>lt;sup>3</sup>Document finishing accessories must be purchased separately. An input accessory with a stand must be installed for use before adding a finishing accessory.

<sup>&</sup>lt;sup>4</sup>HP 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 Laser Jet Image Drum 30,000 pages
	CF359A HP 828A Cyan LaserJet Image Drum 30,000 pages
	CF364A HP 828A Yellow LaserJet Image Drum 30,000 pages
	CF365A HP 828A Magenta LaserJet Image Drum 30,000 pages
Accessories	A2W80A HP LaserJet Stapler/Stacker
	C1NG3A 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 duplo	ex (A4)	
First page out time	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	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	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 IPDS Emulation available at hp.com/go/laserjetfonts			
Processor speed	800 MHz			
Display	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 2.0 Device; 1 Gigabit Ethernet 10/100/1000T Network; 1 Hardware Integration Pocket (HIP); 2 Internal USB Host			
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 <sup>2</sup>	Tray 1-5: 60 to 220 g/m <sup>2</sup>	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 LaserJet Enterprise M855x+ 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 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	HP 826A Black LaserJet Toner Cartridge (29,000 pages) CF310A; HP 826A Cyan LaserJet Toner Cartridge (31,500 pages) CF311A; HP 826A Yellow LaserJet To Cartridge (31,500 pages) CF312A; HP 826A Magenta LaserJet Toner Cartridge (31,500 pages) CF313A; HP 828A Black LaserJet Imaging Drum (30,000 pages) CF358A; HP 828A Cyan LaserJet Imaging Drum (30,000 pages) CF364A; HP 828A Magenta LaserJet Imaging Drum (30,000 pages) CF365A			
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 (http://www.novell.com/iprint), SAP device types (h	IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, B00TP/DHCP, WINS, IP Direct Mode, WS Print  Windows 10 (32-bit/64-bit), Windows 8 (32-bit/64-bit), Windows 7 (32-bit/64-bit), Windows Vista (32-bit/64-bit), Windows Server 2012 (64-bit), Windows Server 2003 (SP1 or higher) (32-bit/64-bit), Windows Server 2008 (32-bit/64-bit), Windows Server 2003 (SP1 or higher) (32-bit/64-bit); Wac OS X version 10.6.8, 10.7.5 Lion, 10.8 Mountain Lion; For the latest operating system support see: AirPrint™ (support.apple.com/kb/ht4356), Android (http://www.android.com), Citrix and Windows Terminal Services (http://www.hp.com/go/upd), HP ePrint Software Driver (http://www.hp.com/go/eprintsoftware), Linux (http://www.hplp.net), Novell (http://www.np.com/go/ipcificetunix software)  (http://www.hp.com/go/upix), UNIX Jettbiret (http://www.hp.com/go/jetdiretunix software)		
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	Windows: Windows 10, Windows 8, Windows 7 (SP1 or higher), Windows Vista, Windows Server 2012 (64-bit), Windows Server 2008, Windows Server 2008 (264-bit), Windows Server 2003 (SP1 or higher): 200 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB 1.1/2.0 or network connection (for OS compatible hardware system requirements see http://www.microsoft.com)  Mac: Mac OS X v10.6, v10.7 Lion, v10.8 Mountain Lion; 1 GB of available hard-disk space; CD-ROM or DVD drive, or Internet connection; Dedicated Universal Seria Bus (USB 1.1 or 2.0), or network connection; Operating system compatible hardware system requirements see apple.com		
Software included	HP PCL 6 Discrete Printer Driver; Mac Software Link	to Web (Mac Installer); Windows Installer		
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 (adjustable angle) display; illuminated Capacitive Home button (for quick return to the Home menu); Easy A USB; Hardware Integration Pocket		(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 pressu	re 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 Consumption (TEC): 5.345 kWh/Week.  Power supply type: Built-in power supply		
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 2004/108/EC with CE Marking (Europe); other EMC approvals as required by individual countries ENERGY STAR® qualified; Blue Angel		
Warranty	One-year, next business day, on-site limited warranty. 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.<sup>2</sup>
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 25 ppm.<sup>3</sup>

#### 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.<sup>4</sup>
- 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.

<sup>1</sup> 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 <sup>2</sup> 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 <sup>3</sup> 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. <sup>4</sup> 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	<b>Letter</b> : Up to 25 ppm black; <sup>7</sup> <b>First Page Out</b> : As fast as 7.3 sec black; <sup>3</sup>	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, $11 \times 17$ , $12 \times 18$ , $4 \times 6$ , $5 \times 7$ , $5 \times 8$ , $10 \times 15$ ,
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	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP LaserJet MFPs—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. Î quality printing for a great value is a smart choice for any business.	, aps	too-sneer injurit visy, 32ct-sneer injurit visy, 32ct-sneer injurit visy, 10ct-sneer injurit visy, 32ct-sneer injurit vis
	Produce premium, professional-quality documents at a competitive low cost with an HP Laser let MFP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and utilimately, the pace of business. Avoid pauses in productivity with an HP Laser let MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	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) <sup>1</sup>
		Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 48,000) W9005MC <sup>8</sup>
		Product Dimensions	<b>W x D x H</b> : 22.3 x 28.5 x 32.6 in; <b>Maximum</b> : 47 x 50 x 30.5 in
		Product Weight	150.2 lb
	ipm <sup>10</sup> —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) $^9$ <b>Duplex:</b> 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 (50, 7.0), Linux SUSE (13.2, 42.1), Linux Ubuntu (12.04, 14.04, 15.10, 16.01, 16.10), OS mac05 10.12 Sierra, 05 X 10.10 Yosemite, 05 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, 2018 (2) SP1. Citrix on Windows Server 2018/2018 (2) Citrix On Windows Server 2008/2008 (2) SP1. Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (PL Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit., Citrix XenApp 5.0 (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 7.5 (For Windows Server 2008 R2 Ferminal Services, 32- and 64-bit.), Citrix XenApp 7.5 (For Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit.), Citrix XenDeskstop 5.6/7.0/7.5 (For Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit.), Citrix XenDeskstop 5.6/7.0/7.5 (For Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit.), Citrix XenDeskstop 5.6/7.0/7.5 (For Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit.), Citrix XenDeskstop 5.6/7.0/7.5 (For Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit.), Citrix XenDeskstop 5.6/7.0/7.5 (For Windows Server 2018 R2 SP Terminal Services, 32- and 64-bit.), Citrix XenDeskstop 5.6/7.0/7.5 (For Windows Server 2018 R2 SP Terminal Services, 32- and 64-bit.), Citrix XenDeskstop 5.6/7.0/7.5 (For Windows Server 2018 R2 SP Terminal Services). Windows Server 2018 R2 SP Server 2018 (2018 R2 32-64-bit (SP) SP
Copy Speed	Black (letter): Up to 25 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 Copier Settings	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	content orientation; collation; booklet; ID Scart, 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 <sup>2</sup>		(SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server
·	scans; erase edges; automatically detect color/mono; image Preview	Minimum Cunham Danstonnante	(SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201 126 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services)
Fax Resolution	scans; erase edges; automatically detect color/mono; image Preview  Up to 33.6 kbps; Letter. 3 sec per page <sup>2</sup> 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	(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) 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
Fax Resolution	scans; erase edges; automatically detect color/mono; image Preview  Up to: 33.6 kbps; Letter: 3 sec per page <sup>2</sup> 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: Meximum Speed Dialing Numbers: Up to 1000 numbers  Geach with 210 destinations; PC Interface Supported: Yes: Render Retrieval Capability Supported: No;	Power	(SPT/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), Windows Serve PC 2 GB available hard disk space; 05 hardware requirements see microsoft.com; MAC 1.3 GB available hard drive space; Internet, O5 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%); 6
Fax Resolution Fax Features	scans; erase edges; automatically detect color/mono; image Preview  Up to: 33.6 kbps; Letter: 3 sec per page <sup>2</sup> 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: Stinictube Ring Detection Supported: No: Fax Forwarding Supported: Wes; 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  Gech with 701 destinations; PC Interface Supported: Yes: Remote Retrieval Capability Supported: No;  Telephone Handset Supported: No:		(SPT/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), Windows Serve PC 2 GB available hard disk space, 05 hardware requirements see microsoft.com; MAC 1.3 GB available hard drive space; Internet, O5 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	Up to 33.6 kbps; Letter. 3 sec per page <sup>2</sup> 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  Fax Memory. Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed  Fanding: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Delayed  Interface Supported: No; Fax Polling Supported: Yes (poll to receive only); Fax Telephone Mode  Supported: No; Link Barries Supported: Yes; Maximum Speed Dillang Numbers: Up to 1000 numbers  (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No;  Telephone Handset Supported: No  Telephone Handset Supported: No  Telephone Handset Supported: No;  Telephone Handse	Power	(SPT/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), Windows Serve 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 (+1 10%), 220 to 240Vac (+1 10%), 50/G0 Hz (+1 3%); <sup>5</sup> Acoustic Power Emissions: 6.5 B(A), printing mono simplex, A4 at 25 ppm; Acoustic Pressure Emissions 49 dB(A), printing mono simplex, A4 at 25 ppm 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
Fax Resolution Fax Features  Standard Connectivity  Network Capabilities	Up to 33.6 kbps; Letter. 3 sec per page <sup>2</sup> Black (best)t. 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 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 (poll to receive only): Fax Telephone Mode Supported. Yes; Unix Barrier Supported: Yes; Maximum Speed Dillaing 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)	Power Acoustics Operating Environment	(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), Windows Serve 2016 (64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services) Windows Serve 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 Internet (Built-in) power supply; Power Requirements: Input voltage: 110 to 127Va (+ 1-10%), 220 to 240Vac (+/- 10%), 50/G0 Hz (+/- 3%); <sup>5</sup> Acoustic Power Emissions: 6.5 B(A), printing mono simplex, A4 at 25 ppm; Acoustic Pressure Emissions 49 dB(A), printing mono simplex, A4 at 25 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storag Temperature Range: 14 to 104%; Non-Operating Humiditly Range: 10 to 80% RH; Operating Humiditly Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH;
Fax Resolution Fax Features  Standard Connectivity  Network Capabilities  Network Ready	Up to 33.6 kbps; Letter: 3 sec per page <sup>2</sup> 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 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 TMM Interface Supported. No: Fax Polling Supported Yes; Routo receive only): Fax Telephone Mode Supported No; Junk Barrier Supported: Yes; Maximum Speed Dillaing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port Standard (built-in Gigabit 10/100/1000T Ethernet) Standard (built-in Gigabit 10/100/1000T Ethernet)	Power	(SPT/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) 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 (+-1 10%), 220 to 240Vac (+/- 10%), 50/G0 Hz (+/- 13%); <sup>2</sup> Acoustic Power Emissions: 6.5 B(A), printing mono simplex, A4 at 25 ppm; Acoustic Pressure Emissions 49 dB(A), printing mono simplex, A4 at 25 ppm Operating Temperature Range: 59 to 86%; Recommended Operating Temperature: 59 to 86%; Storag Temperature Range: 14 to 104%; Non-Operating Humidity Range: 20 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Management security: SNMPV3, SSL/TLS, WPA2-Enterprise, 802.1X authentication, and Kerberos
Fax Resolution Fax Features Standard Connectivity Network Capabilities Network Ready	Up to 33.6 kbps; Letter. 3 sec per page <sup>2</sup> Black (best)t. 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 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 (poll to receive only): Fax Telephone Mode Supported. Yes; Unix Barrier Supported: Yes; Maximum Speed Dillaing 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)	Power Acoustics Operating Environment Security Management	(SPT/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), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2
Fax Resolution Fax Features  Standard Connectivity  Network Capabilities  Network Ready  Wireless Capability	Up to: 33.6 kbps; Letter: 3 sec per page <sup>2</sup> 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: 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; Fax Memory Fax Telephone Mounders (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	(SPT/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), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), WAC: 1.3 GB available hard drive space; Internet, Ob Fardware requirements see emicrosoft.com; MAC: 1.3 GB available hard drive space; Internet, Ob Fardware requirements see polye 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%);   Acoustic Power Emissions: 6.5 B(A)), printing mono simplex, A4 at 25 ppm; Acoustic Pressure Emissions 49 d8(A), printing mono simplex, A4 at 25 ppm  Operating Temperature Range: 91 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;  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 Authentication; Support for WAIA-10 IPsec Configuration using Pisec Plug-1  Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCl WG Y1F99A, Inner Finisher Hole Dunch Swelsth V1G04A, Stapler/Stacker Finisher Filoshe Puch Swelsth V1G04A, Stapler/Stacker Finisher Filoshe Puch Swelsth V1G04A, Stapler/Stacker Finisher FIG18A, Booklef Finisher
Fax Resolution Fax Features  Standard Connectivity  Network Capabilities  Network Ready  Wireless Capability  Mobile Printing Capability	Up to: 33.6 kbps; Letter: 3 sec per page <sup>2</sup> 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 Ves; Fax in Fax Felsphone Mounders Supported: No; Markinarium 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 Hii-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 5 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, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos	Power Acoustics Operating Environment Security Management	(SPT/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), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), WAC 1.3 GB available hard drive space; Internet, Ob Fardware requirements see microsoft.com; MAC 1.3 GB available hard drive space; Internet, Ob Fardware requirements see polye 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%);   Acoustic Power Emissions: 6.5 B(A)), printing mono simplex, A4 at 25 ppm; Acoustic Pressure Emissions 49 d8(A), printing mono simplex, A4 at 25 ppm  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;  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 WA1-10 IPsec Configuration using Pisec Plug-in  Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x-S20) Workgroup Y1F97A, 2000 Sheet HCl WG Y1F99A, Inner Finisher V1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/3 Y1G03A, Appler Y1G18A, Booklet Finishe Y1G07A, Stapler/Stacker Finisher Y1G18A, Booklet Finishe Y1G07A, Stapler/Stacker Finisher Y1G18A, Polace Finisher Y1G07A, Appler Y1G17A, Apple
Fax Resolution Fax Features  Standard Connectivity  Network Capabilities  Network Ready  Wireless Capability  Mobile Printing Capability  Memory  Processor Speed	Up to 33.6 kbps; Letter 3 sec per page <sup>2</sup> Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard); 203 x 98 dpi leak (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard); 203 x 98 dpi leak (best): 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; Markmann Speed Dlaing Numbers: Up to 1000 numbers (beach with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset 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  5 standard (built-in- Gigabit 10/100/1000T Ethernet)  5 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: SNMPAS; SSL/ITS; WPAS-Tenterpise, 80.2 1x authentication (EAP- PEAP EAP-TLS), IPP over TLS, IP-sec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication, Support for WJA-10 IP-sec Configuration using IP-sec Plug-in- <sup>4</sup> 5 standard: 6 GB: Maxhmum: 6 GB  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-Dio Data, Secure at A Erase-Disk). Note: U.S. government SKU uses 500 GB FIPS 140-2 validated hard disk instead.	Power Acoustics Operating Environment Security Management	(SPT/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), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (- Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 20
Fax Resolution Fax Features  Standard Connectivity  Network Capabilities  Network Ready  Wireless Capability  Mobile Printing Capability  Memory  Processor Speed	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 1 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; Guit to receive only); Fax Telephone Mount Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No.  2 Hii-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  2 Hii-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  2 Hii-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  2 Hii-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  2 Hii-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet: 10/100/1000T network; 1 Hardware Integration 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, IPSec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in <sup>4</sup> Standard: 6 GB: Maximum: 6 GB  12 GHz/ Hard disc One 3 20 GB Standard, embedded HP High-Performance Secure Hard Disk; AES 256 hardware encyption or greater; Secure erase capabilities (Secure File Erase-Temporary Job File	Power Acoustics Operating Environment Security Management	(SPT/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), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (- Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 26-bit Services, Windows Serve 2016/ 26-bit Services, Windows Serve 2016/ 26-bit Services, Windows Serve 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/
Fax Resolution Fax Features  Standard Connectivity  Network Capabilities Network Ready  Wireless Capability  Mobile Printing Capability  Memory  Processor Speed  Duty Cycle  Recommended Monthly Page Volume	Up to 33.6 kbps; Letter. 3 sec per page <sup>2</sup> Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard); 203 x 98 dpi pi p	Power  Acoustics  Operating Environment  Security Management  Accessories	(SPT/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), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2016/ 2
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	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 1 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; Guit to receive only); Fax Telephone Mount Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No.  2 Hii-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  2 Hii-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  2 Hii-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  2 Hii-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  2 Hii-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet: 10/100/1000T network; 1 Hardware Integration 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, IPSec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in <sup>4</sup> Standard: 6 GB: Maximum: 6 GB  12 GHz/ Hard disc One 3 20 GB Standard, embedded HP High-Performance Secure Hard Disk; AES 256 hardware encyption or greater; Secure erase capabilities (Secure File Erase-Temporary Job File	Power  Acoustics  Operating Environment  Security Management  Accessories	(SPI/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), Windows Serve 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), Windows Serve 2016/64-bit Standard/Essential/Datacenter (+ Cluster & Terminal Services), WAC 1.3 GB available hard drive space; Internet, Os hardware requirements see environsoft.com; MAC 1.3 GB available hard drive space; Internet, Os hardware requirements see polye 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%); S  Acoustic Power Emissions 6, 5.8 (Al), printing mono simplex, A4 at 25 ppm; Acoustic Pressure Emissions 49 d8(Al), printing mono simplex, A4 at 25 ppm;  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; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Deprating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Operating Humidity Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH; Recomm

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<sup>1</sup> No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units) <sup>2</sup> 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 <sup>3</sup> 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. <sup>4</sup> Optional Wireless Direct and Wireless <sup>5</sup> 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 <sup>6</sup> 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. <sup>8</sup> 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 <sup>9</sup> 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.<sup>2</sup>
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 30 ppm.<sup>3</sup>

#### 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.

<sup>1</sup> 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 <sup>2</sup> 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 <sup>3</sup> 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. <sup>4</sup> 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; <sup>7</sup> First Page Out: As fast as 7.3 sec black; <sup>3</sup>	Media Sizes Supported	Tray 1: Letter, Letter R, Legal, Executive, Statement, Oficio, 11 x 17, 12 x 18, 4 x 6, 5 x 7, 5 x 8,10 x 15,	
Print Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed		8k, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 × 6, 5 × 7, 5 × 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 1	
Print Technology	Laser		x 17, 12 x 18, 8k, 16k	
Print Cartridges Number	1 (1 black cartridge)	Media Sizes Custom	Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6	
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	December 48th -	x 17 in	
Printer Smart Software Features	NBusinesses that stay ahead don't slow down. It's why HP built the next generation of HP Laser. Jet MFPS—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. 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. 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. Jet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating 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	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) <sup>1</sup>	
		Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 48,000) W9005MC <sup>8</sup>	
		Product Dimensions	<b>W x D x H</b> : 22.3 x 28.5 x 32.6 in; <b>Maximum</b> : 47 x 50 x 30.5 in	
		Product Weight	150.2 lb	
	ipm <sup>10</sup> —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 suppor 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	control and	illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware	
Scan Resolution	Flatbed, ADF / Flatbed; ADF	Diseles December	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	<b>ADF</b> : 11 x 17 in Maximum; 5.5 x 8.5 in Minimum; <b>Flatbed</b> : 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) $^{9}$ <b>Duplex</b> : 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-& 64-bit editions (excluding RT OS for Tablets), Windows 7 all 32-& 64-bit editions, Windows 8/8.1 all 32-& 64-bit editions (excluding RT OS for Tablets), Windows Vista all 32014 editions (Home Basic, Premium).	
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		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 2008/2003R2/2003 R2 SP1, Citrix on Windows Server 2008/2012/12012 R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (PI Feature Pack 2 & 3) for Windows Server 2008 Terminal Services, 32- and 64-bit, Citrix XenApp 5.0 (PI Feature Pack 2 & 3) for Windows Server 2008 R2 Terminal Services, 32- and 64-bit, Citrix XenApp 5.0 (FI Windows Server 2008 R2 SP1 Terminal Services, 32-bit, Citrix XenApp 7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 Terminal Services, 64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 Terminal Services, 64-bit), Novell Netware 6.5 (for Windows Server 2008 R2 Terminal Services, 64-bit), Novell Netware 6.5 (for Windows Server 2008 R2 Terminal Services, 64-bit), Novell Netware 6.5 (for Windows Server 2008 R2 SP1 SP1 Novell Open Enterprise Server 1 (for Linux, Novell Open Enterprise Server 1 (for Linux, Novell Open Enterprise Server 1 (for Linux, Novell Open Enterprise Server 2 (for Linux, Novel Server 2008 R2 SP1 Standard/Enterprise (for Linux Reverse M2008/2003 R2 32-(64-bit (SP1)SP2), Standard/Enterprise (for Cluster & Terminal Services), Windows Server 2008 R2 25-(64-bit (SP1)SP2) Standard/Enterprise (for Cluster & Terminal Services), Windows Server 2008 R2 25-(64-bit (SP1)SP2) Standard/Enterprise (foltater and Services), Windows Server 2008 R2 25-(64-bit (SP1)SP2) Standard/Enterprise (foltater Reverse), Windows Server 2008 R2 25-(64-bit (SP1)SP2) Standard/Enterprise (foltater Reverse), Windows Server 2008 R2 25-(64-bit (SP1)SP2) Standard/Enterprise (foltater Reverse), Windows Server 2008 R2 25-(64-bit (SP1)SP2) Standard/Enterprise (foltater Reverse), Windows Server 2008 R2 25-(64-bit (SP1)SP3) Standard/Enterprise (foltater Reverse), Windows Server 2008 R2	
Copy Speed	Black (letter): Up to 30 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%			
Copier Settings	Two-sided copying; scalability, image adjustments (darkness, contrast, background cleanup, sharpiness); 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	<b>Up to</b> : 33.6 kbps; <b>Letter</b> : 3 sec per page <sup>2</sup>			
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi	M	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; 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;	Minimum System Requirements  Power	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 Person Standard Time (Apple of Section 2016)	
			Power Supply Type. Internal (Built-in) power supply. Power Requirements: Input voltage: 110 to 127Va (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); <sup>6</sup> 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	
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 Range: 59 to 86%F; Recommended Operating Temperature: 59 to 86%F; Storag Temperature Range: 14 to 104%F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity	
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)		Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH	
Wireless Capability	Standard (built-in Gigabit 10/100/1000T Ethernet)	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	
Whiteess 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.		Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in	
Mobile Printing Capability	Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP, EAP-TLS), IPP over TLS, IPsec/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in <sup>4</sup>	Accessories	Cabinet Workgroup Y1G17A, Dual Cassette Feeder (2x520) Workgroup Y1F97A, 2000 Sheet HCI WC 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, Boodlet Finis Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Separator WGY1G15A, Tray Heater Y1G22A, 2nd ext Y1G23A, Spacer Y1G24A, Hole Punch 2/3	
Memory	Standard: 6 GB; Maximum: 6 GB		solutions B5L28A, HDD HP Secure High Performance Hard Disk Driva B5L29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reade HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax	
Processor Speed	1.2 GHz / <b>Hard disk</b> : 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.		<ul> <li>- Classified Card Reader F8B30A, FiH USB Foreign Interface Harness BSL31A, Two internal USB ports of solutions BSL28A, HID HP Secure High Performance Hard Disk Drive BSL29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader- HIP1 CZC98A, HPAC Card Reader - HIP1 X3003A, HPAC Card Reader - HIP2 X3003A, Analog Fax</li> </ul>	
Processor Speed Duty Cycle	1.2 GHz / <b>Hard disk:</b> 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 Frase-Dio Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead. <b>Monthly, letter:</b> Up to 300,000 pages	HD Service and Support Onthose	<ul> <li>- Classified Card Reader F8B30A, FiH USB Foreign Interface Harness BSL21A, Two internal USB ports of solutions BSL28A, HIDD HP Secure High Performance Hard Disk Drive BSL29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC, I803AA, HPAC Card Reader- HIP1 CZ20BA, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A</li> </ul>	
Processor Speed  Duty Cycle  Recommended Monthly Page Volume	1.2 GHz / <b>Hard disk:</b> 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-blo Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead. <b>Monthly, letter:</b> Up to 300,000 pages  Up to 50,000 pages	HP Service and Support Options	- Classified Card Reader F8830A, FiH USB Foreign Interface Harness B5.13 In, Two internal USB ports f solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, HP JetDirect USB Wireless Print Server with NFC. Id030A, HPAC Card Reader HIP1 CZ20BA, HPAC Card Reader - HIP1 CZ20BA, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A U9LU4E - HP 1 year Next Business Day Service w/Defective Media Retention for Laser Jet E725xx MFP Managed; U9LUSE - HP 3 year Next Business Day Service w/Defective Media Retention for Laser Jet	
Memory Processor Speed Duty Cycle Recommended Monthly Page Volume Media Types Supported	1.2 GHz / <b>Hard disk:</b> 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 Frase-Dio Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead. <b>Monthly, letter:</b> Up to 300,000 pages	HP Service and Support Options	<ul> <li>Classified Card Reader F8830A, Filt USB Foreign Interface Harness B51.31A, Two Internal USB ports in Solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory Cc487A</li> <li>U9LU4E - HP 1 year Next Business Day Service w/Defective Media Retention for LaserJet E725xx MFP</li> </ul>	

Learn more at hp.com

<sup>&</sup>lt;sup>1</sup> No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units) <sup>2</sup> 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 <sup>3</sup> 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. <sup>4</sup> 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.<sup>2</sup>
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 35 ppm.<sup>3</sup>

#### 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.

<sup>1</sup> 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 <sup>2</sup> 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 <sup>3</sup> 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. <sup>4</sup> 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; <sup>7</sup> FirstPageOut: As fast as 7.3 sec black; <sup>3</sup>	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
	MPS—to power productivity with a streamlined design that delivers professional quality, maximum uptime, and the strongest security. <sup>1</sup> 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 HPL asserted MPP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pusses in productivity with an HP Laserted 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.		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) <sup>1</sup>
		Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 48,000) W9005MC <sup>8</sup>
	security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily	Product Dimensions	<b>W x D x H</b> : 22.3 x 28.5 x 32.6 in; <b>Maximum</b> : 47 x 50 x 30.5 in
	connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	Product Weight	150.2 lb
	ipm <sup>10</sup> —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	<b>ADF</b> : 11 x 17 in Maximum; 5.5 x 8.5 in Minimum; <b>Flatbed</b> : 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) <sup>9</sup> <b>Duplex:</b> 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 X10.10 Yosemile, OS X 10.11 El Capitan, UNIX, Windows 10 all 32-8 64-bit editors.
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB		(excluding RT OS for Tablets), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit
Bit depth / Grayscale levels	24-bit / 256		editions (excluding RT OS for Tablets), Windows Vista all 32bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
Digital Sending Standard Features	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP; Send to	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 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 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 (PE) Feature Pack 2 & 3) for Windows Server 2008 Terminal Services, 32- and 64-bit, Citrix XenApp 6.0/6.5/15 (for Windows Server 2008 R2 Ferminal Services, 32- and 64-bit), Citrix XenApp 7.5 (for Windows Server 2008 R2 PT Terminal Services, 32- and 64-bit), Citrix XenApp 7.5 (for Windows Server 2008 R2 PT Terminal Services, 32- and 64-bit), Citrix XenApp 7.5 (for Windows Server 2008 R2 SES Terminal Services, 32- and 64-bit), Citrix XenDesktop 5.6 (for Windows Server 2008 R2 SES 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, 64-bit, Novell NetWare 6.5/SP8 Novell Clients www.novell.com/lprint, Novell Print Applaince vol. 0, Novell Open Enterprise Server 17 [15] Novell Novell Open Enterprise Server 2003/2003 R2 32-64-bit (SP1/SP2), Standard/Enterprise (Pt Cluster & Terminal Services), Windows Server 2003/2003 R2 32-65 (SP1/SP2), Standard/Enterprise (Pt Cluster & Terminal Services), Windows Server 2003/2003 R2 32-64-bit (SP1/SP2) Standard/Enterprise (Pt Cluster & Terminal Services), Windows Server 2003/2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise (Pt Cluster & Terminal Services), Windows Server 2008/2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise (Pt Cluster & Terminal Services), Windows Server 2003/2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise (Pt Cluster & Terminal Services), Windows Server 2003/2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise (Pt Cluster & Terminal Services), Windows Server 2003/2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise (Pt Cluster & Terminal Services), Windows Server 2003/2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise (Pt Cluster & Terminal Services), Windows Server 2003/2008 R2 32-64-bit (SP1/SP2) Standard/Enterprise (Pt Cluster
Copy Speed	Black (letter): Up to 35 cpm		
Copy Resolution	<b>Black (text and graphics)</b> : Up to 600 x 600 dpi; Up to 600 x 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 <sup>2</sup>		
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; 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;	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%); <sup>6</sup>
	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/TL5, 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 <sup>4</sup>	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 Finis Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G19A,
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 / <b>Hard disk</b> : 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.		Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, DOD CAC Card Reader CCS43B,  - Classified Card Reader F8B30A, FiH USB Foreign Interface Harness BSL31A, Two internal USB p solutions BSL28A, HDD HP Secure High Performance Hard Disk Drive BSL29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Re HIP1 CZ20BA, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A
Duty Cycle	Monthly, letter: Up to 300,000 pages	HP Service and Support Options	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 Managedt UBLUGE - HP 4 year Next Business Day Service w/Defective Media Retention I LaserJet E725xx MFP Managedt, UBLU7E - HP 5 year Next Business Day Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLUBE - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet E725xx MFP Managedt, UBLU9E - HP 4 year 4 hour 9x5 Service w/Defective Media Retention for LaserJet F725xx MFP Mana

Learn more at hp.com

<sup>1</sup> No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units) <sup>2</sup> 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 <sup>3</sup> 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. <sup>4</sup> 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.<sup>2</sup>
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 22 ppm.<sup>3</sup>

#### 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.

<sup>1</sup> 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 <sup>2</sup> 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. <sup>4</sup> 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, $11 \times 17$ , $12 \times 18$ , $4 \times 6$ , $5 \times 7$ , $5 \times 8$ , $10 \times 15$
rint Resolution	12.3 sec color <sup>3</sup> 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, 1 x 3, 2 3, 2 4, 2 6, 5 x 7, 5 x 8, 16k; Tray 3: Letter, Letter R, Legal, Executive, Statement, Oficio, 1 x 3, 2 3, 2 4, 2 4, 2 5, 2 5, 2 5, 2 5, 2 5, 2 5
Print Technology	Laser	Media Sizes Custom	x 17, 12 x 18, 8k, 16k  Tray 1: 3.86 x 5.83 to 11.69 x 17 in; Tray 2: 5.48 x 8.27 to 11.69 x 14.33 in; Tray 3: 5.48 x 8.27 to 11.6
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)		x 17 in
Standard Print languages	HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible	Paper Handling	100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-
Printer Smart Software Features	Quality color printing for a great value is a smart choice for any business. Produce premium, professional-quality color documents at a competitive low cost with an HP Color Laser HP P 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—dook its best. Annoying interruptions and complex maintenance can slow doow printing, and utlimately, 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 softwere 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 jum <sup>11</sup> —and	What's in the box	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) <sup>1</sup>
		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 Cyan Managed LJ Toner Cartridge (ISO Yield 32,000) W9041MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 32,000)
		Product Dimensions	W9042MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 32,000) W9043MC <sup>8</sup>
Printer Management	avoid extra steps with a Flow MFP designed for maximum productivity.	Product Weight	<b>W x D x H</b> : 22.3 × 28.5 × 34.6 in; <b>Maximum</b> : 47 × 50 × 30.5 in
mice rangement	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 Blug and Play Drivers); HP Web Jetadmin Software, Resource Kit for HP Web Jetadmin (HP SNMP Proxy Agent, HP WS Pro Proxy Agent); HP JetAdwantage Security Manager	Warranty Features	176.92 lb  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 (.prn., .p.cl., .cht)	Display Description Software Included	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	<b>ADF</b> : 11 x 17 in Maximum; 5.5 x 8.5 in Minimum; <b>Flatbed</b> : 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) <sup>9</sup> <b>Duplex</b> : 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, Sand to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Grop 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 4.0/45, Citrix Seraph 5.0 (Plk Feature Pack 2 & 3) for Windows Server 2008 Terminal Services, 32- and 64-bit, Citrix KenApp 5.0 (Plk Feature Pack 2 & 3) for Windows Server 2008 Terminal Services, 32- and 64-bit), Citrix KenApp 6.0/6.5.7F, 5for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix KenApp 7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix KenApp 7.5 (for Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit), Citrix KenDesktop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit), Citrix KenDesktop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit), Citrix KenDesktop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP Terminal Services, 32- and 64-bit), Citrix KenDesktop 5.6/7.0/7.5 (for Windows Server 2012 and 2012 R2 Terminal Services), Windows Server 2012 and 2012 R2 Terminal Services (SP SP) (SP SP) (SP SP) (SP SP) (SP SP) (SP SP S
Copy Speed	Black (letter): Up to 22 cpm; Color (letter): Up to 22 cpm		
Copy Resolution	<b>Black (text and graphics):</b> Up to $600 \times 600$ dpi; Up to $1200 \times 1200$ dpi; <b>Color (text and graphics)</b> : Up to $600 \times 600$ 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 Scara; bob bluid; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		
Fax Speed	<b>Up to</b> : 33.6 kbps; <b>Letter</b> : 3 sec per page <sup>2</sup>		
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 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; 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 (+/- 109k), 220 to 240Vac (+/- 109k), 50/60 Hz (+/- 39k); <sup>6</sup>
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; 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 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	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  Y1F99A, Inner Finisher Y1G00A, Inner Finisher Hole Punch Z1/3 Y1G02A, Inner Finisher Hole Punch Z1/4
Memory	Authentication; Support for WJA-10 IPsec Configuration using IPsec Plug-in <sup>4</sup> Standard: 6 GB; Maximum: 6 GB		Y1G03A, Inner Finisher Hole Punch Swedish Y1G04A, Stapler/Stacker Finisher Y1G18A, Booklet Finishe
Processor Speed	JCL 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.		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 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, D0D CAC Gard Reader CC543B, SJPRNI - Classified Card Reader F8B30A, Filt USB Foreign Interface Harness BS131A, Two Internal USB ports for Solutions BSL2BA, HDD HP Secure High Performance Hard Disk Drive BSL29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader -
Duty Cycle	Monthly, letter: Up to 300,000 pages		HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax
Recommended Monthly Page Volume	Up to 30,000 pages	HP Service and Support Options	Accessory CC487A  U9LP3E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E778xx
Media Types Supported	Plain, HP EcoEFiClENT, 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, Hey Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, LMY0(Sosy 131-175g, HP Matte 200g, Cardstock 176-220g, Labels, Letterhead, Envelope, Preprinted, Prepunched, Colored	zamez ane zappor c opudis	USIL-18:— HP. I yn Next Business Llay service wi/Defective Media Reteriton for Cloir Classifet E-776xv MFP Managed; USIP-4E - HP 3 yn Next Business Buy Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-5E - HP 4 yn Next Business Day Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-5E - HP 5 yn Next Business Day Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 3 yr 4 hour 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Managed; USIP-7E - HP 4 yr 4 hou 9x5 Service wi/Defective Media Retention for Color Laser Jet E-778xx MFP Manage
		Learn more at	

Learn more at hp.com

<sup>1</sup> No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)<sup>2</sup> 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<sup>3</sup> 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. <sup>4</sup> Optional Wireless Direct and Wireless Direct and



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**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.
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- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 25 ppm.<sup>3</sup>

#### 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.

<sup>1</sup> 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//www.hp.com/go/printersceruityclaims <sup>2</sup> 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 are self-varies depending on the system configuration, software application, driver, and document complexity. <sup>3</sup> 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/printersceruity.

### 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	<b>Letter</b> . Up to 25 ppm black; Up to 25 ppm color; <b>First Page Out</b> : As fast as 9.8 sec black; As fast as 11.8 sec color <sup>3</sup>	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	<b>Black (best)</b> : Up to 1200 x 1200 dpi reduced speed; <b>Color (best)</b> : 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 Printer Smart Software Features	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 readures	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	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) <sup>1</sup>
	can sow down jinning, and dumatery, the pace of possibless, who passes in producity with an im- 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 bulli-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 34,000) W9040MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 32,000) W9041MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 32,000) W9042MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 32,000) W9043MC <sup>8</sup>
	people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm <sup>11</sup> —and avoid extra steps with a Flow MFP designed for maximum productivity.	Product Dimensions Product Weight	<b>Wx Dx H</b> : 22.3 x 28.5 x 34.6 in; <b>Maximum</b> : 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-ServerTools, 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) <sup>9</sup> <b>Duplex:</b> Up to 160 ipm (b&w), up to 160 ipm (color)	companies 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	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 Croip To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Croip To Page		Citrix MetaFrame Presentation Server 3.0. Citrix MetaFrame XP Presentation Server (Feature Rele 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0. Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 6-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 $600 \times 600$ dpi; Up to $1200 \times 1200$ dpi; Color (text and graphics): Up to $600 \times 600$ dpi		Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Clirix XenApp 7.5 ffor Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Clirk XenDesktop 5.6 for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Clirix XenDesktop 5.6/7.0/7.5 ffor Windows Server 2008 R2 SP
Maximum Number Of Copies	Up to 999 copies		Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint
Copier Resize	25 to 400%		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nove Servers www.novell.com/jprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scan; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32- (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (Sl 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 Speed	<b>Up to</b> : 33.6 kbps; <b>Letter</b> : 3 sec per page <sup>2</sup>		(SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Serve
Fax Resolution	Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi		2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)
Fax Features	Fax Memory: Up to 500 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Forwarding Supported: Yes; Fax Phone TAM	Minimum System Requirements	<b>PC</b> : 2 GB available hard disk space; OS hardware requirements see microsoft.com; <b>MAC</b> : 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
	Interface Supported. No: Fax Polling Supported: Yes (poll to receive only): Fax Telephone Mode Supported. No: Junk Barrie Supported: Yes: Awadrum Speed Delling Numbers: Up to 1000 numbers (each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No;	Power	Power Supply Type: Internal (Built-in) power supply: Power Requirements: Input voltage: 110 to 127Va (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); <sup>6</sup>
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 <sup>4</sup>	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 Swedish Y1G04A, Stapler/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 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		VTGT0A, Hole Punch 2/4 YTGT1A, Hole Punch Swedish YTGT02A, DDD CAC Card Reader CC543B, SIPRN - Classified Card Reader F8830A, Filt USB Foreign Interface Harness B5L31A, Two Internal USB ports for solutions B5L28A, HDD HP, Secure High Performance Hard Disk Drive B5L29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader - HIPI CZ20BA, HPAC Card Reader - HIP1 X3003A, HPAC Card Reader - HIP2 X3D03A, 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
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

<sup>1</sup> No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units) <sup>2</sup> 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 <sup>3</sup> 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. <sup>4</sup> 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.<sup>2</sup>
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 30 ppm.<sup>3</sup>

### 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.

<sup>1</sup> 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 <sup>2</sup> 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 <sup>3</sup> 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. <sup>4</sup> 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

Print Speed  Print Resolution  Print Technology  Print Cartridges Number  Standard Print languages  Printer Smart Software Features	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 <sup>3</sup> Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Laser  4 (1 each black, cyan, magenta, yellow)  HP PCL 6, HP PCL 5c, HP Postscript level 3 emulation, PDF (v 1.7), Air Print** compatible	Media Weight Supported  Media Sizes Supported  Media Sizes Custom		
rint Technology Irint Cartridges Number tandard Print languages	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed Laser 4 (1 each black, cyan, magenta, yellow)	Media Sizes Custom	8k, 16k, envelope #10, 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  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	
rint Cartridges Number tandard Print languages	Laser 4 (1 each black, cyan, magenta, yellow)	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	
itandard Print languages	4 (1 each black, cyan, magenta, yellow)	ricad Sizes Castom		
			x 17 in	
		Paper Handling	100-sheet input tray, 520-sheet input tray, 520-sheet input tray, 100 sheet ADF; 500 sheet face-	
	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		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) <sup>1</sup>	
	Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 34,000) W9040MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 32,000) W9041MC, HP Wellow Managed LJ Toner Cartridge (ISO Yield 32,000) W9042MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 32,000) W9042MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 32,000) W9043MC <sup>8</sup>	
	people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm <sup>11</sup> —and avoid extra steps with a Flow MFP designed for maximum productivity.	Product Dimensions	<b>W x D x H</b> : 22.3 x 28.5 x 34.6 in; <b>Maximum</b> : 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, HB 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	<b>Hardware</b> : UP to 600 x 600 dpi; <b>Optical</b> : 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	
can File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (prn, pcl, .cht)	Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)	
Scan Input Modes	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Open Extensibility Platform (OXP) applications	Software Included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals	
Scan Size	<b>ADF</b> : 11 x 17 in Maximum; 5.5 x 8.5 in Minimum; <b>Flatbed</b> : 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) <sup>9</sup> <b>Duplex</b> : 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 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 R. SPI, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Pl. Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5	
Copy Speed	Black (letter): Up to 30 cpm; Color (letter): Up to 30 cpm			
Copy Resolution	Black (text and graphics): Up to $600 \times 600$ dpi; Up to $1200 \times 1200$ dpi; Color (text and graphics): Up to $600 \times 600$ 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; bobblid; 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, Ni Servers www.novell.com/jrint), Windows Server 2003/2008 R 2 3-2/6-6-bit (EP1/5P2). Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32 (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (5 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 26-6-bit (SP1)	
Fax Speed	<b>Up to</b> : 33.6 kbps; <b>Letter</b> : 3 sec per page <sup>2</sup>		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	
ax 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 2012/2	
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 <b>Power Supply Type</b> : Internal (Built-in) power supply; <b>Power Requirements</b> : Input voltage: 110 to 127Vac	
Standard Connectivity	Telephone Handset Supported: No 2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1	Acoustics	(+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); <sup>b</sup> Acoustic Power Emissions: 6.6 B(A), printing color simplex A4 at 30 ppm; Acoustic Pressure Emissions:	
Notwork Capabilities	Hardware Integration Pocket; 1 Fax modem port	Operating Environment	51 dB(A), printing color simplex A4 at 30 ppm  Operating Temporature Pages F0 to 000F. Pages manded Operating Temporature F0 to 000F. Started	
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	operating criviconnent	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 59 to 86°F; Storage Temperature Range: 14 to 104°F; Non-Operating Humidity Range: 10 to 80% RH; Operating Humidity	
letwork Ready Vireless Capability	Standard (built-in Gigabit 10/100/1000T Ethernet)  No wireless capabilities standard. There are optional accessories (common to all current Jedi products)	Security Management	Range: 20 to 80% RH; Recommended Humidity Operating Range: 20 to 80% RH  Management security: SNMPv3. SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP-PEAP.	
Nobile Printing Capability	No wreeps capabilities standard in the one private accessions accessions to an current sear productly that support wireless. These are listed in the connectivity section, above.  Management security: SNMPv3, SSL/TLS, WPA2-Enterprise, 802.1X authentication (EAP- PEAP,	Security Promogerifical	Management security: Simple v3, SSL/ ILS, WPAZ-Enterprise, 8UZ-1X authentication (EAP-PEAR, EAP-TLS), IPP over TLS, IPSez/Firewall with Certificate, Pre-Shared Key Authentication, and Kerberos 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 <sup>4</sup>	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/Fistacker Finisher Y1G18A, Booklet Finisher	
Memory	Standard: 6 GB; Maximum: 6 GB		Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Job	
rocessor Speed	1.2 GHz/ Hard disk: One 320 GB Standard, embedded IP 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.		Separator WG Y1G15A, Tray Heater Y1G22A, 2nd exit Y1G23A, Spacer Y1G24A, Hole Punch 2/3 Y1G10A, Hole Punch 2/4 Y1G11A, Hole Punch Swedish Y1G12A, DOD CAC Card Reader CC543B, SIPRN - Classified Card Reader E6830A, Fill USB Foreign Interface Harness B5L31A, Two Internal USB ports I solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A, HP JetDirect USB Wireless Print Server J8031A, HP JetDirect Wireless Print Server with NFC J8030A, HPAC Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A	
Dish Ciala	Monthly, letter: Up to 300,000 pages			
* *				
Recommended Monthly Page Volume	Up to 30,000 pages	HP Service and Support Options	U9LP3E - HP 1 vr Next Business Day Service w/Defective Media Retention for Color Laser let F778xx	
Duty Cycle Recommended Monthly Page Volume Media Types Supported		HP Service and Support Options	U9LP3E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed; U9LP4E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color 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 w/Defective Media Retention for Color LaserJet E778xx MFP Managed; U9LP7E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed; U9LP8E - HP 4 yr 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed; U9LP8E - HP 4 yr 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed; U9LP8E - HP 4 yr 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed	

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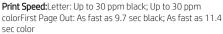
<sup>&</sup>lt;sup>1</sup> No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)<sup>2</sup> Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17<sup>3</sup> 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. <sup>4</sup> 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.<sup>2</sup>
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 30 ppm.<sup>3</sup>

### 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.

<sup>1</sup> 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 <sup>2</sup> 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. <sup>4</sup> 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 <sup>5</sup> 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 <sup>3</sup> Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed	•	Na, 15K, eventione #9, Erwicipe #10, Erwicipe 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
	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	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) <sup>1</sup>
	Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 34,000) W9040MC, HP Cyan Managed LJ Toner Cartridge (ISO Yield 32,000) W9041MC, HP Yellow Managed LJ Toner Cartridge (ISO Yield 32,000) W9042MC, HP Magenta Managed LJ Toner Cartridge (ISO Yield 32,000) W9043MC <sup>8</sup>
	people throughout your organization. Complete high-volume scan jobs fast—up to 180 ipm <sup>11</sup> —and avoid extra steps with a Flow MFP designed for maximum productivity.	Product Dimensions	<b>WxDxH</b> : 23 x 30.5 x 36.5 in; <b>Maximum</b> : 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 JetAdwantage 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)
	RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JTFC, TIFF, MTFF, MPS, 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	<b>ADF</b> : 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; <b>Flatbed</b> : 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; Auto Color Sense; Auto Cryo To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page	Systems	2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R. SP1, Citrix on Windows Server 2012/2012R2, Citrix Persentation Server 4, 046, Citrix Nenhapp 5.0 (Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 5.0/5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 5.75 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2008 R2 P1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows 2008 P1 Terminal Services, 32- and 64-bit]
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 $600 \times 600$ dpi; Up to $1200 \times 1200$ dpi; Color (text and graphics): Up to $600 \times 600$ dpi		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 Terminal Services, 64-bit]. Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell Print
Maximum Number Of Copies	Up to 999 copies		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Nove Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
Copier Resize	25 to 400%		Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-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-bit (SP) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 82-64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 /2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Enudation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server
Fax Speed	<b>Up to</b> : 33.6 kbps; <b>Letter</b> : 3 sec per page <sup>2</sup>		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 (+/- 1096), 220 to 240Vac (+/- 1096), 50/60 Hz (+/- 398); <sup>6</sup>
	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%; Recommended Operating Temperature: 59 to 86%; Storag Temperature Range: 14 to 104%; 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)	Jeanny Henegelliett	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 <sup>4</sup>		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 Finit Y1G07A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & Booklet Maker Staples Y1G13A, Separator WG Y1G15A, Tray Heater Y1G27A, 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 / <b>Hard disk:</b> 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 Johns, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500 GB FJPS 140-2 validated hard disk instead.		<ul> <li>- Classified Lad Reader PoSSUM, 110 Se Ordergin further Lack Fladies 2013 The, Won Inferial USS DUT in Solutions BEJZBA, HDD HF Secure High Performance Hard Disk Drive BSLZPA, HP JetDirect USB Wireless Print Server with NFC J8030A, HPAC Card Reader - HIP1 CZ208A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A</li> </ul>
Duty Cycle	Monthly, letter: Up to 300,000 pages	HP Service and Support Options	U9LP3E - HP 1 yr Next Business Day Service w/Defective Media Retention for Color LaserJet E778xx MFP Managed; U9LP4E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color
	Up to 30,000 pages	LaserJet E778xx MFP Managed; U9LP5E - HP 4	
Recommended Monthly Page Volume			Retention for Color LaserJet E778xx MFP Managed; U9LP6E - HP 5 yr Next Business Day Service
Recommended Monthly Page Volume 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		welefulution of unitselect of Above men analoged, Objected - mile 3 mixed losiness bady service wildlefetting Media Retention for Color Laser let 778bx MFP Managed; USLP78E - HP 3 yr 4 hou 9x5 Service w/Defective Media Retention for Color Laser let E778bx MFP Managed; USLP8E - HP 4 yr 4 hou 9x5 Service w/Defective Media Retention for Color Laser let E778bx MFP Managed

Learn more at

hp.com

<sup>&</sup>lt;sup>1</sup> No, please purchase USB cable separately (EMEA, Americas; AP) (Service Technician must install units)<sup>2</sup> 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<sup>3</sup> 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. <sup>4</sup> 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.<sup>2</sup>
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 40 ppm.<sup>3</sup>

### 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.<sup>4</sup>
- 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 <sup>3</sup> 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. <sup>4</sup> 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	<b>Letter</b> : Up to 40 ppm black; <b>First Page Out</b> : As fast as 7sec black; <sup>2</sup>	Media Sizes Supported	Tray 1: Letter, Letter R, Le
Print Resolution	Black (best): Up to 1200 x 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; <b>En</b> sheets; <b>Output Capacities</b>
	uptime, and the strongest security. <sup>1</sup> 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 Laser Jet 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	<b>WxDxH</b> : 23 × 30.3 × 36.
	operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 180	Product Weight	210.8 lb
	ipm <sup>10</sup> —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, UpdateNow, Remove Plug and Play Drivers); HP Web Jetadmin Software; Resource Kit for HP Web	Energy Efficiency Compliance	Energy Star; Blue Angel; E
	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	<b>Hardware</b> : Up to 600 x 600 dpi; <b>Optical</b> : 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), 8.4, 8.5, 8.6), Linux Fedor
Scan Speed	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) $^{7}\textbf{Duplex}$ Up to 180 ipm (b&w), up to 180 ipm (color)		(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 Faxe; 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 Copier Settings	25 to 400%		Servers www.novell.com, Standard/Enterprise/Data
copiei Seturgs	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 Scare; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		(SP1/SP2), Standard/Ente Standard/Enterprise (+ Cl Standard/Enterprise (+ Cl (SP1/SP2) Standard/Ente
Fax Speed	Up to: 33.6 kbps; Letter: 3 sec per page <sup>1</sup>		R2 64-bit Standard/Foun 2016/ 64-bit Standard/ E
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 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		hard drive space; 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	Power	Power Supply Type: Inter (+/- 10%), 220 to 240Vac
	(each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	Acoustics	Acoustic Power Emissions Emissions: 50 dB(A) print
Standard Connectivity	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax modem port	Operating Environment	Operating Temperature R Temperature Range: 14 t
Network Capabilities	Standard (built-in Gigabit 10/100/1000T Ethernet)	Complete Management	Range: 20 to 80% RH; Re
Network Ready	Standard (built-in Gigabit 10/100/1000T Ethernet)	Security Management	Management security: SN EAP-TLS), IPP over TLS, IF
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 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 <sup>3</sup>		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 dlsk: 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-Ibo Bata, 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 EccEFICIENT, 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, Hey Glossy 111-130g, IP Matte 150g, IP Glossy 150g, Extra Heavy 131-175g, XH-VigGlossy 93-1175g, 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; <b>Duplex Options</b> : Automatic (Standard); <b>Auto Document Feeder Capacity</b> . Standard, 250 sheets; <b>Envelope Feeder</b> : No; <b>Standard Paper Trays</b> : 3; <b>Input Capacities</b> : Up to 520 sheets; <b>Output Capacities</b> : Up to 500 sheets; Up to 40 erwelopes.
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 <sup>6</sup>
Product Dimensions	<b>W x D x H</b> : 23 x 30.3 x 36.7 in; <b>Maximum</b> : 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, 3.2 and 64-bit, Citrix XenApp 6.0 (6.5) 7.5 [for Windows Server 2008 R2 Ferminal Services, 3.2 and 64-bit, Citrix XenApp 5.0 (6.5) 7.5 [for Windows Server 2008 R2 Server 2012 and 2012 R2 Terminal Services, 3.2 and 64-bit, Citrix XenApp 5.0 [for Windows Server 2008 R2 Services, 3.2 and 64-bit, Citrix XenDesktop 5.6/7.0 [for Windows Server 2008 R2 Services, 3.2 and 64-bit, Citrix XenDesktop 5.6/7.0 [for Windows Server 2008 R2 Services, 3.2 and 64-bit, Citrix XenDesktop 5.6/7.0 [for Windows Server 2012 and 2012 R2 Terminal Services, 3.2 and 64-bit, Citrix XenDesktop 7.0 [for Windows Server 2012 and 2012 R2 Terminal Services, 3.2 and 64-bit, Citrix XenDesktop 7.0 [for Windows Server 2012 and 2012 R2 Terminal Services, Vindows Server 2012 and 2012 R2 Services, Vindows Server 2012 and 2012 R2 Services, Vindows Server 2012 And 2012 R2 Services, Vindows Server 2008 2008 R2 64-bit (SP1) Standard/Enterprise (* Luster & Terminal Services), Windows Server 2008 32-(64-bit (SP1) Standard/Enterprise (* Luster & Terminal Services), Windows Server 2018 R2 64-bit (SP1) Standard/Enterprise (* Luster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (* Luster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (* Luster & Terminal Services), Windows Server 2008 (* Services), Windows Server 200
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 WJA-101Psec Configuration using IPsec Plug-in
Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HCI Department Y1F98A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finisher Hole Punch 2/3 Y1G02A, Inner Finisher Hole Punch 2/4 Y1G0A, Inner Finisher Hole Punch 2/4 Y1G0A, Inner Finisher Hole Punch Swedish Y1G0AA, Stapler/Stacker Finisher Y1G18A, Stapler/Stacker Finisher Staples Y1G13A, Inner Finisher Staples Y1G13A, Booklet Finisher Y1G07A, Hole Punch 2/4 Y1G11A, Hole Punch 2/4 Y1G1A, HOLE Punch 2/4 Y
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 4 year 4 hour 9x5 Service w/Defective Media Retention for Laser let E825xx MFP Managed

Learn more at hp.com

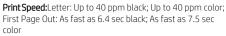
1 Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.17 <sup>2</sup> Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software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



# 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.<sup>2</sup>
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 40 ppm.<sup>3</sup>

### 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.

<sup>&</sup>lt;sup>1</sup> 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 <sup>2</sup> 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 <sup>3</sup> 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. <sup>4</sup> 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	<b>Letter</b> : Up to 40 ppm black; Up to 40 ppm color; <b>First Page Out</b> : As fast as 6.4 sec black; As fast as 7.5 sec color <sup>2</sup>	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
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
	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	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 <sup>11</sup> —and	Replacement Cartridges	HP Black Managed LJ Toner Cartridge (ISO Yield 54,500) W90S0MC, HP (yan 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 <sup>7</sup>
	avoid extra steps with a Flow MFP designed for maximum productivity.	Product Dimensions	<b>W x D x H</b> : 23 x 30.3 x 36.7 in; <b>Maximum</b> : 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, 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. Co to http://www.hp.com/support to learn about HP award winning service and suppor options in your region.
Scan Type / Technology		Energy Efficiency Compliance	Energy Star; Blue Angel; EPEAT silver
Scan Resolution	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 File Format	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 x 600 dpi  Digital Send: PDF, IH: Compression PDF, JPEG, TIFF, MIFF, 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 user property.
Scan Speed	<b>ADF</b> : 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; <b>Flatbed</b> : 11 x 17 in	Fonts and Typefaces	user manuals
	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) <sup>8</sup> <b>Duplex</b> : 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 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	(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	<ol> <li>and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2</li> <li>SP1 Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus</li> </ol>
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 [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; bob bluid; 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 iPrin Appliance v1.0, Novell Open Enterprise Server 17/5P1, Novell Open Enterprise Server 2 for Linux, No Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-fd-8-bit (SPI/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32- (SPI/SP2) Standard/Enterprise (- Cluster & Terminal Services), Windows Server 2003 32-fd-8-bit (SP
Fax Speed	<b>Up to</b> : 33.6 kbps; <b>Letter</b> : 3 sec per page <sup>1</sup>		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 [Gold to receive only]; Fax Tellephone 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 (included supported in a 2 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 127Va (+/- 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%; 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;
Mobile Printing Capability	Yes <sup>3</sup>	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 / <b>Hard disk</b> : Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk.Total 640GB, AES 256 hardware encryption or greater; Secure erase capabilities (Secure File Frase-Temporary Job Files, Secure Frase-Temporary Job Files, Secure Frase-Temporary Job Files, Secure ATA Frase-Disk). Note: U.S. government SkU	Accessories	HP Cabinet Department Y1G16A, Dual Cassette Feeder (2x520) Department Y1F98A, 2000 Sheet HCI Department Y1G21A, 3000 Sheet side HCI Department Y1G20A, Inner Finisher Y1G00A, Inner Finisher Hole Punch Swediner Finisher Hole Punch Several A, Inner Finisher Hole Punch Several A, Inner Finisher Hole Punch Several Finisher Finisher Hole Punch Finisher Finisher Finisher Finisher Finisher Finisher Finisher Finisher Finisher
Duty Cycle	uses 500GB FIPS 140-2 validated hard disk instead.  / Cycle Monthly, letter. Up to 300,000 pages		Y1G04A, Stapler/Stacker Finisher Y1G18A, Stapler/Stacker Finisher Staples Y1G14A, Inner Finisher & 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, DOD CAC Card Reader CC543B, SIPRNet - Classified Card Reader FBB30A, FiH USB Foreign Interface Harmess BSL31A, Two internal USB ports for solutions B5L28A, HDD HP Secure High Performance Hard Disk Drive B5L29A JetDirect USB Wireless Print Server JB031A, HD JetDirect Wireless Print Server with NFC JB030A, HD Card Reader - HIP1 CZ08A, HPAC Card Reader - HIP1 X3D03A, HPAC Card Reader - HIP2 X3D03A, Analog Fax Accessory CC487A
Media Types Supported	Plain, HP EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WiGlossy 96-110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 120g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Peperboard 221-255g,		
	Paperboard 256–300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Ervelope, 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 Wheflective Media Retention for Color Laser Jet E876xx MFP Managed; USLTOE - HP 5 yr Next Business Day Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLTSE - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLTSE - HP 4 yr 4 hou 9x5 Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLTSE - HP 4 yr 4 hou 9x5 Service w/Defective Media Retention for Color Laser Jet E876xx MFP Managed; USLTSE - HP 4 yr 4 hou
		-	9x5 Service w/Defective Media Retention for Color LaserJet E876xx MFP Managed

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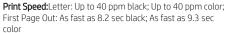
<sup>1</sup> Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17 Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system 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.<sup>2</sup>
- Grab pages and go, without waiting. This HP LaserJet wakes up quickly and prints fast—up to 40 ppm.<sup>3</sup>

### 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.

<sup>1</sup> 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 <sup>2</sup> 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. <sup>4</sup> 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 <sup>5</sup> 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 <sup>2</sup>		
rint Resolution	Black (best): Up to 1200 x 1200 dpi reduced speed; Color (best): Up to 1200 x 1200 dpi reduced speed		
Print 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 <sup>11</sup> —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	<b>Hardware</b> : Up to 600 × 600 dpi; <b>Optical</b> : 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	<b>ADF</b> : 11 x 17 in Maximum; 4.3 x 5.5 in Minimum; <b>Flatbed</b> : 11 x 17 in		
Scan Speed	Up to 120 ppm/240 ipm (b&w), up to 120 ppm/240 ipm (color) <sup>8</sup> <b>Duplex</b> : 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 $600 \times 600$ dpi; Up to $600 \times 600$ dpi; Color (text and graphics): Up to $600 \times 600$ 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	<b>Up to</b> : 33.6 kbps; <b>Letter</b> : 3 sec per page <sup>1</sup>		
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 <sup>3</sup>		
Memory	Standard: 7 GB; Maximum: 7 GB		
Processor Speed	1.2 GHz / <b>Hard disk</b> : 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 EcoEFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, H Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WiGlossy 96-110g, Hv Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HF Matte 200g, HP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Perspirited, Prepunched, Colord		

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 Morth, Tray 2: Letter, Letter R, Legal, Executive, Statement, Oficio, 4 x 6, 5 x 7, 5 x 8,10 x 15, 16k, envelope #0, 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 birr, <b>Duplex Options</b> : Automatic (standard); <b>Auto Document Feeder Capacity</b> : Standard, 250 sheets; <b>Envelope Feeder</b> : NC; <b>Standard Paper Trays</b> : 3; <b>Input Capacities</b> : Up to 520 sheets; <b>Up</b> to 400 sheets; Up to 400 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 <sup>7</sup>		
Product Dimensions	<b>WxDxH</b> : 23 x 30.3 x 36.7 in; <b>Maximum</b> : 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)		
oftware 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, 41), 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- & 64-bit editions, Windows 6/8.1 all 32- & 64-bit editions (Excluding RT OS for Tablets), Windows Vist all 32-bit 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 Presentation Server 4,014.5, Citrix XenApp 5,0 (Plur Feature Pack 2 & 3) for Windows Server 2008 Citrix Presentation Server 4,014.5, Citrix XenApp 5,0 (Plur 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 SP1 Terminal Services, 32- and 64-bit, Citrix XenApp 7,5, (for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit) Citrix XenDesktop 5,6, (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit) Citrix XenDesktop 5,6, (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit) Citrix XenDesktop 5,0/7.5, (for Windows Server 2018 R2 SP1 Terminal Services, 46-bit) Oveol NetWeller 6,5/5/89 Novel Citrix Swwn.ovelt.com/pifpint, Novell Politrix Appliance v1.0, Novell Open Enterprise Server 11/5P1, Novell Open Enterprise Server 2 003/2003 R2 32-fic4-bit (SP1 SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2008 23-64-bit (SP2 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 23-64-bit (SP2 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 23-64-bit (SP2 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 26-bit (SP1 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 26-bit (SP1 Standard/Enterprise), Windows Server		
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 127Ve (+/- 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 Laser.Jet E876xx MFP Managed; U9LS8E - HP 3 yr Next Business Day Service w/Defective Media Retention for Color Laser.Jet E876xx MFP Managed; U9LS9E - HP 4 yr Next Business Day Service w/Defective Media Retention for Color Laser.Jet E876xx MFP Managed; U9LT0E - HP 5 yr Next Business Day Service w/Defective Media Retention for Color Laser.Jet E876xx MFP Managed; U9LT1E - HP 3 yr 4 hour 9x5 Service w/Defective Media Retention for Color Laser.Jet E876xx MFP Managed; U9LT2E - HP 4 yr 4 hou 9x5 Service w/Defective Media Retention for Color Laser.Jet E876xx 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.34 and 6 sec/page for V.17 <sup>2</sup> 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. <sup>3</sup> Optional Wireless <sup>6</sup> 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. <sup>5</sup> 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. <sup>6</sup> 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. <sup>7</sup> 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 <sup>8</sup> 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.<sup>3</sup>
- Help keep energy costs down with the most efficient MFP in its class.<sup>2</sup>

### 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.<sup>7</sup>
- 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.<sup>2</sup>
- 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.











<sup>1</sup> 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. <sup>2</sup> 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. <sup>3</sup> Comparison based on printing in Professional mode. <sup>4</sup> 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. <sup>5</sup> 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. <sup>6</sup> Feature works with Microsoft® Word and PowerPoint® 2003 and later. Only Latin language fonts are supported. <sup>7</sup> Requires separate purchase. For details, see http://hp.com/go/securitymanager. <sup>8</sup> 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; <b>Duplex</b>
Print Speed	<b>Letter</b> : As fast as 40 ppm black; As fast as 40 ppm color <sup>5</sup> <b>First Page Out</b> : As fast as 8 sec black; As fast as 8.3 sec color <sup>6</sup>		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 500 sheets; Up to 50 envelopes; None
Print Resolution	Black (best): Up to 1200 x 1200 optimized dpi from 600 x 600 input dpi (on Unspecified, Plain, HP Premium Presentation Matte, and HP Brochure Matte); Color (best): Up to 2400 x 1200 optimized dpi from 600 x 600 input dpi (on HP Advanced Photo Papers)	What's in the box	Y3260A HP PW Managed Color MFP P77440dn; 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) M0K11XC; HP 992XC Yellow Contract PageWide Cartridge (~16,000 pages) M0K26XC
Standard Print languages	HP PCLXL (PCL6), PCL5, native PDF, HP Postscript Level 3 emulation, PJL, JPEG, PCLM	Product Weight	<b>W x D x H</b> : 23.8 × 23.8 × 26.2 in; <b>Maximum</b> : 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 <sup>1</sup>
	Air Print™, 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		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.
	orientation, High Quality Grayscale and Black Ink Only, General Office/Professional/Presentation dpi 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	Software Included	4.3 CGD (Color Graphic Display), in Counstreem of P7774 our Series,  HP Device Experience (DXP), HP PCL 6 Print Driver, HP Software Installer/Uninstaller, Mac OS Welcome
Scan Resolution	Flatbed, ADF / Contact Image Sensor (CIS)  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 (.txl), 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'): Internal Unicode Fonts (Andale Mono WorldType): 2 Internal Windows Vista 8 Fonts (Galibri, Cambria); additional fonts oldutions 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	<b>ADF</b> : 11.7 X 34 in Maximum; 4 x 6 in Minimum; <b>Flatbed</b> : 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* <b>Duplex</b> : 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 feanup, sharpness); N-up, N or Z-ordering; content orientation; collation; booklet; ID Scan; job build; dejer-to-ede; job storage.		SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 (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 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	<b>Black (text and graphics)</b> : Up to $600 \times 600$ dpi; Up to $600 \times 600$ dpi; <b>Color (text and graphics)</b> : Up to $600 \times 600$ dpi		Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novel Servers www.novell.com/pirint), Windows Server 2003/2003 R. 23-/64-bit (SP1/SP2) Standard/Enterprise/Dlatacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R.2 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		(SP1/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 × 300 dpi (400 × 400 dpi for received faxes only): Color (best): Up to 300 × 300 dpi (400 × 400 dpi for received faxes only): Black (standard): 204 × 98 dpi; Color (standard): Up to 300 x 300 dpi (400 × 400 dpi for received faxes only): Mack (standard): Up to 300 x 300 dpi (400 × 400 dpi for received faxes only):		MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Microsoft <sup>®</sup> Internet Explorer 8. Windows <sup>®</sup> XP SP3 or higher (32-bit only): any Intel <sup>®</sup> Pentium <sup>®</sup> II, Celeron <sup>®</sup> 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; Yes 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	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) <sup>2</sup>
	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 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)		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 (FIP recommends waiting 24 hours at approved operating temperature prior to using the printer); 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™; Mopria™-certified; Wireless Direct Printing; Google Cloud Print 2.0; Mobile Apps	Security Management	Kerberos authentication, LDAP authentication, 2000 user PIN codes, Network: IP-sec/firewall with Certificate, Pre-Shared Key, and Kerberos authentication, Supports WIA-10 IP-sec configuration Plug in, 802.11X authentication (EAP-PEAP,EAP-112), SNMP94, HTPS, 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; <b>Maximum</b> : 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 (TPN) 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 / <b>Hard disk:</b> 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 <sup>7</sup>	Accessories	HP PageWide Managed 550-sheet Paper Tray P1V16A, HP PageWide Managed 550-sheet Paper Tray
Recommended Monthly Page Volum	ne 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, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored, Bond, Recycled, Rough		W1B49A, HP Internal USB Ports B5L28A, HP Foreign Interface Harness B5L31A, HP 1 G8 x32 144-pin (800 MHz) DDR3 500IMM E5K48A, HP Jetdirect 2900nw Print Server J8031A, HP Jetdirect 3000w NFC/Wireless Accessory J8030A, HP Laser Jet MFP Analog Fax Accessory 500 CC487A, HP Accessibility Assistant 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; BK: Z73 x 394 mm, Z70 x 390 mm, Z60 x 368 mm; B4 (JIS); Legal; Oficio Z16 x 340 mm; Oficio S5 x 13; C4; SRA4; RA4 - R; Arch A-R; A47; 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; Executive; B5 (JIS); B6 (JIS); 5 x 7; 4 x 6; 10 x 15 cm; A5; Double Japan Postcard Rotated - R; A5; A5; A5; A5; A5; A5; A5; A5; A5; A5	Learn more at hp.com	HP 5 year Next Business Day Onsite
	Japanese Postcard; Custom-sized media; Envelopes; Envelope B5; Envelope #10; Japanese Envelope (nou #3; Japanese Envelope - Flap Oper, Envelope G5; Envelope B6; Envelope B7;	•	

<sup>&</sup>lt;sup>1</sup> With ink installed, no media in trays <sup>2</sup> 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. <sup>3</sup> Speed specifications have been updated to reflect current industry testing methods. <sup>4</sup> Based on standard ITU-T test image #1 at standard resolution, More complicated pages or higher resolution will take longer and use more memory. <sup>5</sup> ISO speeds measured using SO/IEC 24734. Excludes first page or first set of ISO test pages. For details see hp.com/go/printerclaims <sup>6</sup> No heating or fusing warm up time required <sup>7</sup> 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. <sup>6</sup> 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. <sup>8</sup> 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. <sup>10</sup> All HP media listed as compatible with the printer in the HP PageWide Printing Supplies Compatibility Guide, regardless of weight, may be used <sup>12</sup> 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.<sup>2</sup>

#### 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.

<sup>1</sup> 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.<sup>2</sup> 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. <sup>3</sup> Comparison based on printing in Professional mode. <sup>4</sup> 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. <sup>5</sup> 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. <sup>6</sup> Feature works with Microsoft\* Word and PowerPoint\* 2003 and later. Only Latin language fonts are supported. <sup>7</sup> 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. <sup>6</sup> Program availability varies. For more information, visit http://hp.com/go/printsecurity. <sup>6</sup> 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 <sup>5</sup> 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 <sup>b</sup> 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; Ervelope Feeder: No; Standard Paper Trays: 2; Input Capacities: Up to 550 sheets Tandern Tray; Up to 100 sheets - MP Tray standard; Up to 10; None transparencies; Up to 1600 + 200 + 40 fi 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	<b>WxDxH</b> : 23.8 x 25.7 in x 30.4 in; <b>Maximum</b> : 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 <sup>1</sup>
Printer Management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web Jetadmin Software; Printer	Energy Efficiency Compliance	90 day parts only warranty  ENERGY STAR® qualified; EPEAT® Gold
	Administrator Resource Kit for HP Universal Print Driver	Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with IR touchscreen; rotating (adjustable angle) display;
Scan Type / Technology Scan Resolution	Flatbed, ADF / Contact Image Sensor (CIS)		illuminated Home button (for quick return to the Home menu); USB High-speed 2.0 port; Hardware Integration Pocket
Scan File Format	Hardware: Up to 600 ppi; Optical: Up to 600 ppi  See File Trace supported by included software Others (hope), IDEC (inc), DDE (edf), DNE (each) Dish	Display Description	8.0-in (20.3 cm) Color Graphics Display (CGD) with IR touchscreen
Jean New York March	Scan File Types supported by included software: Bitmap (.bmp), JPEG (.jpg), PDF (.pdf), PNG (.png), Rich 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
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,		Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals
Scan Size	ADF: 11.7 x 34 in Maximum; 4 x 6 in Minimum; Flatbed: 11.7 x 17 in	Fonts and Typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP Postscript level 3
Scan Speed	Up to 50 ipm (mono and color), LEF* <b>Duplex:</b> Up to 35 ipm (mono and color), LEF*		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
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	Compatible Operating Systems	memory cards; HP Laser let Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfont 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	section for more details.  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 with LDAP email address lookup; Scan-to Network Folder; Scan-to USB; Scan-to		(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,
	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	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 2008/2003R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Pk.
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 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi; Up to 600 x 600 dpi; Color (text and graphics): Up to 600 x 600 dpi		Windows Server 2008 R2 SP1 Terminal Services, 32– and 64-bit], Citrix Aerinpp 0.076.3/1.3 Itol Windows Server 2012 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-bit], Citrix XernDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 64-b
Maximum Number Of Copies	Up to 9999 copies		R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 5.6/7.0/7.5 [for Windows Server 2008 R2 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/jprint, 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	<b>Up to</b> : 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
ax 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 Contract Development	(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 MHz processor (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection
Fax Features	Fax Memory: Up to 500 pages (black and white): Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: No: Distinctive Ring Detection Supported: No: Fax Forwarding Supported: Yes; Ray Phone TAM Interface Supported: No: Fax Pling Supported: Yes; Goll to receive only); Fax Telephone Mode Supported: No: Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers (seach with 210 destinations); PC Interface Supported Yes; His Software support provided;		http://decision.org/en/tonsy/2. Queendable ratio utes speed; Qu'Acomp'd Univer in interfect Uniteruoli USB port, Microsoft Internet Explorer 8. Windows* X8 S93 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 5, MRC Apple® OS, Vol.0.12 Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.10 V Sierra, OS X v10.11 El Capitan, OS X v10.11 El Ca
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 watt:
	Hardware Integration Pocket		(off) <sup>2</sup>
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	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 ECB 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. Recommended Humidity Operating Range: 30 to 70% RH. Kerberos authentication, LOAP authentication, 2000 user PIN codes, Network: Psec/firewall with
Processor Speed	1.2GHz	Security Huriagement	Certificate, Pre-Shared Key, and Kerberos authentication, Supports WJA-10 IP-sec configuration Plug in 802.1X authentication (EAP-PEAP, EAP-TLS). SNMPv3. HTTPS, Certificates. Access Control List. HP
Outy Cycle	Monthly, letter: Up to 150,000 pages <sup>7</sup>		Trusted Platform Module (TPM) comes standard; Data: Storage Encryption, Encrypted PDF & Email
Recommended Monthly Page Volume	2500 to 30,000 <sup>8</sup>		(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 EcoFiGLENT, 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/tctg/Manual/ HP PageWide Managed 550-sheet Paper Tray (P1V16A), HP PageWide Managed 550-sheet Paper Tra
Media Weight Supported	Tray 1: 60-220 gsm, 300 gsm Photo Paper Only; Trays 2-5: 60-220 gsm; HCI trays 3 & 4: 60-220 gsm		and Cabinet (P1V17A), HP PageWide Managed 3x550 sheet Paper Tray and Stand (P1V18A), HP PageWide Managed 4000 sheet High-capacity Paper Tray and Stand (P1V19A), HP 128GB Memory
Media Sizes Supported	12 x 18; 11 x 17; RA3; A3; 8K: 273 x 394 mm, 270 x 390 mm, 260 x 368 mm; B4 (JIS); Legal; Oficio 216 x 340 mm; Oficio 8.5 x 13; C4; SRA4; RA4 – R; Arch A-R; Ar/3; A4 – R; Letter – R; 16K; 197 x 273 mm – R, 195 x 270 mm – R; B5 (LIP). R Arch A; Sciennent; Letter; A4; A4; 5 x 8; Double Japan Postcard Rotated; 16K: 197 x 273 mm, 195 x 270 mm, 184 x 260 mm;		Module (W1B49A), IP Internal USB Ports (BSL2BA), 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)
	Revi., 43, 3 x B, Duoles Japan Fusiciar Rotated; Int. 157 x 27 min; 195 x 27 min; 194 x 260 min; 194 x 260 min; Executive; BS LIDS; B6 LIDS; 5 x 7, 4 x 6; 10 x 15 cm; AS; Double Japan Postcard Rotated - R; AG; Japanese Postcard; Custom-sized media; Envelopes B5; Envelope B5; Envelope #10; Japanese Envelope Chou #3; Japanese Envelope F4; Envelope B1, Envelope Monarch; Chou #3; Japanese Envelope F4; Denvelope #15; Envelope B1, Envelope Monarch;	HP Service and Support Options	U9VX9E - HP 3 year Next Business Day Onsite; U9VY0E - HP 4 year Next Business Day Onsite; U9VY1E HP 5 year Next Business Day Onsite
	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	Learn more 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. <sup>10</sup> All HP media listed as compatible with the printer in the HP PageWide Printing Supplies Compatibility Guide, regardless of weight, may be used <sup>12</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. <sup>13</sup> Normalized TEC (watt hours per page) BA: 0.388 Wh/Japae, ES: 0.383 Wh/Japae

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