

# HP LaserJet Managed MFP E82540du-E82560du series



Premium quality, maximum uptime, and the strongest security<sup>1</sup> from a smart, streamlined MFP.

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.<sup>1</sup>

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 Managed MFP E82540du -  
Bundle Product 40 ppm



HP LaserJet Managed MFP E82550du -  
Bundle Product 50 ppm



HP LaserJet Managed MFP E82560du -  
Bundle Product 60 ppm

#### 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.
- Load up to 100 pages into the automatic document feeder for fast, unattended scanning.

#### 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 60 ppm.<sup>3</sup>

#### 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.

<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> <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.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.

## HP LaserJet Managed MFP E82560du - Bundle Product 60 ppm

### Product walkaround

1. Hardware Integration Pocket (for connecting accessory and third-party devices)<sup>1</sup>
2. Flatbed scanner handles sheets up to 11 x 17 inches (A3)
3. Easy-access USB port<sup>2</sup>
4. 500-sheet output bin
5. Front door access to toner cartridges
6. Automatic two-sided printing
7. HP High-Performance Secure Hard Disk<sup>3</sup>
8. Slot for cable-type security lock, 2 Hi-Speed USB 2.0 Host ports, Gigabit Ethernet port, Hi-Speed USB 2.0 device port
9. 100-sheet ADF supports media sizes up to 11 x 17 inches (A3)
10. 8.0-inch (20.3 cm) color touchscreen control panel tilts up for easier viewing
11. Right door (access to the print path)
12. 100-sheet multipurpose tray 1 supports media sizes up to 11 x 17 inches (A3)
13. 520-sheet tray 2 supports media sizes up to letter (A4)
14. 520-sheet tray 3 supports media sizes up to 11 x 17 inches (A3)
15. Optional 2,000-sheet high-capacity input (HCI) tray supports media sizes up to letter (A4)



Front view

### Series at a glance



Model	HP LaserJet Managed MFP E82540du - Bundle Product 40 ppm	HP LaserJet Managed MFP E82550du - Bundle Product 50 ppm	HP LaserJet Managed MFP E82560du - Bundle Product 60 ppm
Product number	5FM76A	5FM77A	5FM78A
Functions	Print, copy, and scan (fax and wireless optional)(all models)	Print, copy, and scan (fax and wireless optional) (all models)	
Print speed (letter and A4, black)	Up to 40 pages per minute (ppm)	Up to 50 ppm	Up to 60 ppm
Scan speeds (letter and A4, black)	80 ppm/160 images per minute (ipm), simplex/duplex	80 ppm/160 ipm, simplex/duplex	
100-sheet ADF with single-pass, two-sided scanning	√		
100-sheet multipurpose tray 1, 2x520-sheet trays 2,3	√		
Optional input accessories: dual cassette (2x520-sheet), cabinet, 2,000-sheet HCI, 3,000-sheet HCI	√		
Input capacity	Standard: 1,140 sheets; Maximum : 6,140 sheets (all models)		
Optional finishing accessories: Inner finisher, Stapler/stacker finisher, Booklet finisher	√		
Recommended monthly print volume	Up to 100,000 pages		
Managed Cartridge yields	Black: ~69,000 pages		
Advanced workflow features	Send to Microsoft® SharePoint®		
Optional wireless networking <sup>9</sup> /NFC touch-to-print <sup>10</sup>	√		

<sup>1</sup> Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase. <sup>2</sup> An administrator must enable the easy-access USB port before use. <sup>3</sup> Two 320 GB Standard, embedded HP High-Performance Secure Hard Disk, totaling 640 GB. <sup>4</sup> Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>5</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. <sup>6</sup> Selection of optional paper-handling accessories required to reach maximum input capacity. <sup>7</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>8</sup> Stated yield is based on 5% coverage and may vary based on coverage and media type used, media size, short edge feed on A3 devices, and job size. Toner not included in box. <sup>9</sup> All models can add wireless networking with selection of the optional HP Jetdirect 2900nw Print Server (J8031A). If selected, you cannot also select the HP Jetdirect 3000w NFC/Wireless Accessory (J8030A). Wireless performance is dependent on physical environment and distance from access point and may be limited during active VPN connections. <sup>10</sup> Touch-to-print capability is optional for all models and can be added by selecting the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory (J8030A). If selected, you cannot also select the HP Jetdirect 2900nw Print Server (J8031A). Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see [hp.com/go/businessmobileprinting](http://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.

### Next Business Day Onsite with Defective Media Retention:

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

For carepack availability visit: [hp.com/go/cpc](http://hp.com/go/cpc)



## Top features

Quality printing for a great value is a smart choice for any business. Produce premium, professional-quality documents at a competitive low cost with an HP LaserJet MFP built to make your work—and your business—look its best.

Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable results day in and day out.

HP printers have the industry's strongest security<sup>1</sup> 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.

### Accessories

Y1G16A	HP Cabinet Department
Y1F98A	Dual Cassette Feeder (2x520) Department
Y1G21A	2000 Sheet HCI Department
Y1G20A	3000 Sheet side HCI Department
Y1G00A	Inner Finisher
Y1G02A	Inner Finisher Hole Punch 2/3
Y1G18A	Stapler/Stacker Finisher
Y1G14A	Stapler/Stacker Finisher Staples
Y1G13A	Inner Finisher & Booklet Maker Staples
Y1G07A	Booklet Finisher
Y1G10A	Hole Punch 2/3
Y1G01A	Job Separator Department
B5L31A	FiH USB Foreign Interface Harness
B5L28A	Two internal USB ports for solutions
B5L29A	HDD HP Secure High Performance Hard Disk Drive
J8031A	HP JetDirect USB Wireless Print Server
J8030A	HP JetDirect Wireless Print Server with NFC
CZ208A	HPAC Card Reader - HIP1
X3D03A	HPAC Card Reader - HIP1
X3D03A	HPAC Card Reader - HIP2
CC487A	Analog Fax Accessory
Y1G22A	HP LaserJet Paper Tray Heaters Accessor (Optional)

### Supplies

W9014MC	HP Black Managed LJ Toner Cartridge (ISO Yield 69,000)
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### Services

U9LR0E	HP 1 year Next business day Service w/Defective Media Retention for LaserJet E825xx MFP Managed
U9LR0E	HP 3 year Next business day Service w/Defective Media Retention for LaserJet E825xx MFP Managed
U9LR0E	HP 4 year Next business day Service w/Defective Media Retention for LaserJet E825xx MFP Managed
U9LR0E	HP 5 year Next business day Service w/Defective Media Retention for LaserJet E825xx MFP Managed

<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> <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.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.

# HP LaserJet Managed MFP E82540du-E82560du series

Technical Specifications	HP LaserJet Managed MFP E82540du - Bundle Product 40 ppm (SFM76A)	HP LaserJet Managed MFP E82550du - Bundle Product 50 ppm (SFM77A)	HP LaserJet Managed MFP E82560du - Bundle Product 60 ppm (SFM78A)
AIO functions	Print, Copy, Scan (fax and wireless optional)		
Print speed	<b>Letter:</b> Up to 40 ppm black; <b>First Page Out Black:</b> As fast as 8.1 sec; <sup>2</sup>	<b>Letter:</b> Up to 50 ppm black; <b>First Page Out Black:</b> As fast as 7.2 sec; <sup>2</sup>	<b>Letter:</b> Up to 60 ppm black; <b>First Page Out Black:</b> As fast as 6.9 sec; <sup>2</sup>
Print resolution	<b>Black (best)</b> Up to 1200 x 1200 dpi reduced speed; <b>Black (normal)</b> Up to 600 x 600 dpi		
Print Technology	Laser		
Print cartridges number	1 (1 black cartridge)		
Standard Print Languages	HP PCL 6, HP Postscript level 3 emulation, PDF (v 1.7), AirPrint™ compatible, PCL5, GCP compatible, BMP, TIFF		
Printer Smart Software Features	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 professional quality, maximum uptime, and the strongest security.1 Quality printing for a great value is a smart choice for any business. Produce premium, professional-quality documents at a competitive low cost with an HP LaserJet MFP built to make your work—and your business—look its best. Annoying interruptions and complex maintenance can slow down printing, and ultimately, the pace of business. Avoid pauses in productivity with an HP LaserJet MFP designed for maximum uptime, so you can count on reliable, results day in and day out. Only HP Enterprise printers repair themselves from attacks in real time, delivering built-in security to help keep your network safe. Automatically monitor threats, detect intrusions, and validate operating software with security offered only by HP. Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to 160 ipm10—and avoid extra steps with a MFP designed for maximum productivity.		
Printer Management	HP Printer Assistant, HP Utility (Mac), 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 Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)		
Scan Type / Technology	<b>Type:</b> Flatbed, ADF; <b>Technology:</b> Platen Scanner CCD Digital-CIS		
Scan Resolution	<b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 x 600 dpi		
Scan File Format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A		
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> 11.7 x 17 in Maximum; 5 x 5.5 in Minimum; <b>Flatbed:</b> 11.7 x 17 in		
Scan Speed	<b>Simplex/Duplex:</b> Up to 80 ipm/Up to 160 ipm <sup>7</sup>		
Scanner Advanced Features	Scan-to-E-mail; Scan-to-network folder (stand alone solution); Scan to Cloud; Scan to USB; Scan-to-SharingPoint; Windows HP Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF, Mac HP Easy Scan SW supports PDF, searchable PDF, JPG, RTF, TXT, JPEG-2000, PNG, TIFF		
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; Compact PDF		
Copy Speed	<b>Black (letter):</b> Up to 40 cpm	<b>Black (letter):</b> Up to 50 cpm	<b>Black (letter):</b> Up to 60 cpm
Copy Resolution	<b>Black/Color (text and Graphics):</b> Up to 1200 x 1200 dpi reduced speed		
Maximum Number of Copies	Up to 9999 copies		
Copier Resize	25 to 400%		
Copier Settings	Two-sided copying; scalability; image adjustments (darkness, contrast, background cleanup, sharpness); optimized text/picture (text, mixed, printed picture, photograph); N-Up; N or Z-ordering; content orientation; collation; booklet; ID Scan; job build; job Storage; watermark; stamps; book mode scans; erase edges; automatically detect color/mono; image Preview		
Fax Speed	<b>Up to:</b> 33.6 kbps; <b>Letter:</b> 3 sec per page <sup>1</sup>		
Fax Resolution	<b>Black (best):</b> Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); <b>Black (standard):</b> 203 x 98 dpi		
Fax Features	<b>Fax Memory:</b> Up to 500 pages; <b>Auto Fax Reduction Supported:</b> Yes; <b>Auto-Redialing:</b> Yes; <b>Fax Delayed Sending:</b> No; <b>Distinctive Ring Detection Supported:</b> No; <b>Fax Forwarding Supported:</b> Yes; <b>Fax Phone TAM Interface Supported:</b> No; <b>Fax Polling Supported:</b> Yes (poll to receive only); <b>Fax Telephone Mode Supported:</b> No; <b>Junk Barrier Supported:</b> Yes; <b>Maximum Speed Dialing Numbers:</b> Up to 1000 numbers (each with 210 destinations); <b>PC Interface Supported:</b> Yes; <b>Remote Retrieval Capability Supported:</b> No; <b>Telephone Handset Supported:</b> No		
Standard Connectivity	3 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket		
Network Capabilities	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	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>1</sup>		
Memory	<b>Standard:</b> 7 GB; <b>Maximum:</b> 7 GB		
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 Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk). Note: U.S. government SKU uses 500GB FIPS 140-2 validated hard disk instead.		
Duty Cycle	<b>Monthly, letter:</b> Up to 300,000 pages <b>Recommended Monthly Page Volume:</b> Up to 100,000		
Paper Handling	<b>Input Capacities:</b> 100-sheet multi-purpose tray, 2 x 520-sheet input tray, 100 sheet ADF; Up to 1,140 sheets standard labels legal; <b>Output Capacities:</b> 500 sheet face-down output bin; Up to 500 sheets standard labels legal; <b>Duplex Options:</b> Automatic (standard) <b>Auto Document Feeder Capacity:</b> Standard, 100 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 3; <b>Media Types Supported:</b> Plain, HP EcoEFFICIENT, HP Matte 90g, Light 60-74g, Bond, Recycled, HP Matte 105g, HP Matte 120g, HP Soft Gloss 120g, HP Glossy 120g, Mid-Weight 96-110g, Heavy 111-130g, Mid-WtGlossy 96-110g, Hvy Glossy 111-130g, HP Matte 150g, HP Glossy 150g, Extra Heavy 131-175g, XHvyGlossy 131-175g, HP Matte 200g, HP Glossy 200g, Carstock 176-220g, Card Glossy 176-220g, Light Paperboard 221-255g, Paperboard 256-300g, Heavy Paperboard, Color Transparency, Labels, Letterhead, Envelope, Heavy Envelope, Preprinted, Prepunched, Colored; <b>Media Weight Supported:</b> Tray 1, 2, 3: 16 to 78 lb bond (166 lb Index); <b>Media Sizes Supported:</b> Tray 1: Letter, Letter R, Legal, Executive, Statement, Office, 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, Office, 4 x 6, 5 x 7, 5 x 8, 10 x 15, 16k, envelope #9, Envelope #10, Envelope Monarch; Tray 3: Letter, Letter R, Legal, Executive, Statement, Office, 11 x 17, 12 x 18, 8k, 16k; <b>Media Sizes Custom:</b> 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		
Product Dimensions	<b>W x D x H:</b> 23.0 x 31.4 x 34.8 in; <b>Maximum:</b> 61.8 x 30.1 x 44.9 in		
Product Weight	185.85 lb		
What's in the box	Engine; TCU; Drums; Assy-Color WG Nameplate and Label; Power Cords; Assembly-CD WW; Hardware install and setup documentation; Support flyers. <b>DOES NOT INCLUDE TONER</b> <sup>10</sup>		
Warranty Features	90 day parts only. Extended Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.		
Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Silver; CEC; Blue Angel		
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		
Display Description	8.0-in (20.3 cm) touchscreen, SVGA Color Graphic Display (CGD)		
Software Included	No software solutions are included in the Box, only on <a href="http://hp.com">http://hp.com</a> , <a href="http://123.hp.com">http://123.hp.com</a>		
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 <a href="http://support.hp.com">http://support.hp.com</a> . Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers-, Supported Operating systems, For more information on the supported operating systems see <a href="http://www.hp.com/go/upd">www.hp.com/go/upd</a>		
Compatible Network Operating Systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Terminal server 2008 R2, Remote Desktop server 2012 R2, Citrix Server 6.5, Citrix XenApp & XenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see <a href="http://citrixready.citrix.com">http://citrixready.citrix.com</a> , Linux- For more information see <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a> , Unix- For more information see <a href="http://hp.com/go/unixmodelscripts">http://hp.com/go/unixmodelscripts</a> , UPD PCL6 / PS Printer Drivers-, Supported for Compatible Network Operating systems please see <a href="http://hp.com/go/upd">http://hp.com/go/upd</a>		
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	<b>Power Supply Type:</b> Internal (Built-in) power supply; <b>Power Requirements:</b> Input voltage: 110 to 127Vac (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); <b>Power Consumption:</b> 867 watts (printing), 65 watts (ready), 11 watts (sleep), 0.5 watts (auto-off), 0.1 watts (off)	<b>Power Supply Type:</b> Internal (Built-in) power supply; <b>Power Requirements:</b> Input voltage: 110 to 127Vac (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); <b>Power Consumption:</b> 998 watts (printing), 65 watts (ready), 11 watts (sleep), 0.5 watts (auto-off), 0.1 watts (off)	<b>Power Supply Type:</b> Internal (Built-in) power supply; <b>Power Requirements:</b> Input voltage: 110 to 127Vac (+/- 10%), 220 to 240Vac (+/- 10%), 50/60 Hz (+/- 3%); <b>Power Consumption:</b> 854 watts (printing), 65 watts (ready), 12 watts (sleep), 0.5 watts (auto-off), 0.1 watts (off)
Acoustics	<b>Acoustic Power Emissions:</b> 6.6 B(A) printing mono simplex using A4 paper at 40 ppm; <b>Acoustic Pressure Emissions:</b> 50 dB(A) printing mono simplex using A4 paper at 40 ppm	<b>Acoustic Power Emissions:</b> 6.6 B(A) printing mono simplex using A4 paper at 50 ppm; <b>Acoustic Pressure Emissions:</b> 50 dB(A) printing mono simplex using A4 paper at 50 ppm	<b>Acoustic Power Emissions:</b> 6.6 B(A) printing mono simplex using A4 paper at 60 ppm; <b>Acoustic Pressure Emissions:</b> 50 dB(A) printing mono simplex using A4 paper at 60 ppm
Operating Environment	<b>Operating Temperature Range:</b> 59 to 86°F; <b>Recommended Operating Temperature:</b> 59 to 86°F; <b>Storage Temperature Range:</b> 14 to 104°F; <b>Operating Humidity Range:</b> 20 to 80% RH; <b>Recommended Humidity Operating Range:</b> 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-10 IPsec Configuration using IPsec Plug-in		

<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 <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>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, 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> 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>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/learnaboutsupplies> <sup>7</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. <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. Energy Star value typically based on measurement of 115V device. <sup>9</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. <sup>10</sup> No, please purchase USB cable separately. Service Technician must install units

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