# HP LaserJet Enterprise MFP M634 series



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

This HP LaserJet MFP 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/qo/learnaboutsupplies



HP LaserJet Enterprise Flow MFP M634h



HP LaserJet Enterprise MFP M634z

### The world's most secure printing<sup>1</sup>

- 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 MFP wakes up and prints your first page fast—in as guickly as 11.6 seconds.<sup>2</sup>
- This MFP uses low amounts of energy thanks to its innovative design and toner technology.
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes 4 x 6" to legal.

### 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.

### Give workgroups the speed they need

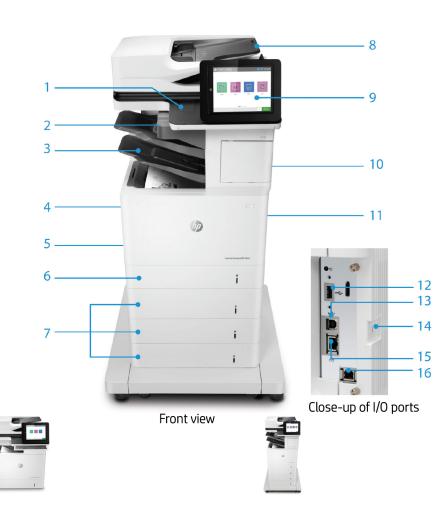
- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 150 pages into the automatic document feeder for fast, unattended scanning.

<sup>1</sup> HPS 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 a tatks with a self-healing reboot, in alignment with NIST 159 800–193 guidelines for device cyber resiliency. For a list of competitive products, visit: http://www.hp.com/go/webfeatamin for the support of the support

# Product walkaround

- 1. Hardware Integration Pocket<sup>1</sup>
- 2. Easy-access USB port
- 3. 1,000-sheet 3-bin stapler/stacker with job offset
- 4. Left door access to toner cartridges
- 5. Automatic two-sided printing
- 6. 550-sheet input tray 2
- 7. 3x550-sheet paper feeder and stand
- 8. 150-sheet ADF with single-pass, two-sided scanning
- 9. 9.0-inch (22.8 cm) functional touchscreen with 8.0-inch (20.3 cm) color graphics display
- 10. Right door access to print path
- 11. 100-sheet multipurpose tray 1
- 12. Host USB port
- 13. Hi-speed USB 2.0 printing port
- 14. Slot for cable-type security lock
- 15. Gigabit Ethernet port
- 16. Fax port





	HP LaserJet Enterprise Flow MFP M634h	HP LaserJet Enterprise MFP M634z
Part Number	7PS95A	7PS96A
Print speeds (Letter) <sup>2</sup>	Up to 55 ppm	Up to 55 ppm
HP High Performance Secure Hard Disk	$\checkmark$	$\checkmark$
Fax capabilities	Optional	$\checkmark$
100-sheet tray 1, 550-sheet tray 2	$\checkmark$	$\checkmark$
550-sheet paper feeder <sup>3</sup>	Optional (up to four)	Optional (up to one)
1x550-sheet paper feeder with stand and cabinet <sup>3</sup>	Optional	Not available
3x550-sheet paper feeder and stand <sup>3</sup>	Optional	$\checkmark$
1x550 and 2,000-sheet HCI feeder and stand	Optional	Not available
Envelope feeder	Optional (up to two)	Optional (up to one)
3-bin stapler/stacker with job offset printing	Not available	$\checkmark$
Advanced workflow features, including pull-out keyboard4	$\checkmark$	Not available
Direct mobile printing	Optional wireless direct <sup>5</sup> /NFC <sup>6</sup>	Embedded Wi-Fi Direct <sup>5</sup> /Bluetooth Low Energy <sup>8</sup>
Wireless networking	Optional <sup>7</sup>	Optional <sup>7</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, offware application, driver, and document complexity. <sup>3</sup> The HP Laser Left Enterprise M6342, MFP M6355h, Flow M6358, and M6358 on the system configuration, sys

# **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 MFPs 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 55 pages per minute, 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.

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 180 ipm←and avoid extra steps with a Flow MFP designed for maximum productivity.

### Accessories

J8J89A HP LaserJet 550-sheet Feeder Tray

J8J90A HP LaserJet Envelope Feeder

J8J91A HP LaserJet 1x550 Paper Feeder and Cabinet

 $\ensuremath{\mathsf{J8J92A}}$  HP LaserJet 1x550-sheet and 2000-sheet HCI Feeder and Stand

J8J93A HP LaserJet 3x550-sheet Paper Feeder with Cabinet

2EH31A HP MFP Analog Fax Accessory 700

2MU47A HP Accessibility Assistant

2NR09A HP 2GB 144-Pin DDR3 TAA Version DIMM

2NR12A HP Removable Hard Drive Enclosure

2TD64A HP Accessibility Kit

3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory

5UT59A HP MFP Analog Fax Accessory 701

A7W13A HP LaserJet Keyboard Overlay Kit-Danish/French-Switzerland/German-Switzerland

B5L28A HP Internal USB Ports

B5L31A HP Foreign Interface Harness

CC543B HP SmartCard NIPRNet Solution for US Government

E5K49A HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM

J8030A HP Jetdirect 3000w NFC/Wireless Accessory

J8031A HP ADF Roller Replacement Kit

A7W14A HP LaserJet Swedish Overlay Keyboard

X3D03A HP Universal USB Proximity Card Reader

Y7C05A HP HIP2 Keystroke Reader

4QL32A HP Legic Secure USB Reader

### **Supplies**

J8J96A HP Staple Cartridge Refill

J8J87A HP LaserJet 110V Maintenance Kit

J8J88A HP LaserJet 220V Maintenance Kit

J8J95A HP 300 ADF Roller Replacement Kit

W1470A HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages)

W1470X HP 147X High Yield Black Original LaserJet Toner Cartridge (~25,200 pages)

W1470Y HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge (~42,000 pages)

### Solutions

**Overview**: HP's portfolio of innovative solutions empower people's evolving work styles and improve your business' agility to compete in a digital world. Fuel collaboration, optimize processes and costs, and help meet the needs of a growing mobile workforce that wants everything accessible, mobile, and secure.

Workflow: HP Capture & Route; Embedded send-to-email

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 Web JetAdmin; 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/qsc.

### Services

U9NK2E - HP 5 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x

U9NK5E - HP 5 year 4 hour 9x5 Hardware Support w/Defective Media Retention for LaserJet Enterprise MFP M63x

U9NK8E - HP 5 year 4 hour 13x5 Hardware Support w/Defective Media Retention for LaserJet Enterprise MFP M63x

U9NL4E - HP 5 year Next Business Day Parts Exchange Service for LaserJet Enterprise MFP M63x

U9NL8PE - HP 1 year Post Warranty NBD HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x U9NL9PE - HP 2 year Post Warranty NBD HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x

U9NM1PE - HP 2 year Post Warranty 4 hour 9x5 Hardware Support w/DMR for LaserJet Enterprise MFP M63x

U9NM3PE - HP 2 year Post Warranty 4 hour 13x5 Hardware Support w/DMR for LaserJet Enterprise MFP M63x

U9NM7PE - HP 2 year Post Warranty NBD Parts Exchange Service for LaserJet Enterprise MFP M63x (Channel Only)

U9QZ4E - HP Automatic Document Feeder Maintenance Kit Replacement Service for LaserJet M63x MFP

U9PS6E - HP Maintenance Kit Replacement Service for LaserJet MFP M63x Fuser 110

U9PS7E - HP Maintenance Kit Replacement Service for LaserJet MFP M63x Fuser 220

U9JT2E - HP Inst SVC w/nw Workgroup Printer

<sup>&</sup>lt;sup>1</sup> 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 NBT SP 800-193 guidelines for device cyber resiliency, For a list of compatible products, wish http://www.hp.com/go/PrintersThaiProtect. For more information, self-the squares for additional charge at http://www.hp.com/go/PrintersEcurityClaims<sup>2</sup> Measured sint as effect security features for additional charge at http://www.hp.com/go/PrintersEcurityClaims<sup>2</sup> Measured sint as feet for self-the squares for additional charge at http://www.hp.com/go/PrintersEcurityClaims<sup>2</sup> Measured sint as feet for some information, self-the squares for additional charge at http://www.hp.com/go/PrintersEcurityClaims<sup>2</sup> Measured sint as feet for self-the squares for some information, self-the squares for some information, self-the squares for additional charge at http://www.hp.com/go/PrintersEcurityClaims<sup>2</sup> Measured sint as feet for self-the squares for some information, self-the squares for some information, self-the squares for some information at http://www.hp.com/go/PrintersEcurityClaims<sup>2</sup> Measured sint as feet for some information in self-the squares for self-the squares for some information in self-the squares for some information in self-the squares for sel

HP LaserJet Enterprise MFP M634 series				
Technical Specifications	HP LaserJet Enterprise Flow MFP M634h(7PS95A)	HP LaserJet Enterprise MFP M634z(7PS96A)		
AIO functions	Print, copy, scan, optional fax	Print, copy, scan, fax		
Print speed	A4: Up to 52 ppm black; Letter; Up to 55 ppm black; 8; A5	5: Up to 80 ppm <sup>7</sup> ; <b>First Page Out Black:</b> As fast as 5.2 sec; <sup>9</sup>		
Duplex Print speed		Letter: Up to 53 ipm black		
Print resolution	Black (best): Up to 1200 x 1200 dpi; Black (normal): FastRes1200; Black (fine lines): Up to 1200 x 1200 dpi			
Print Technology	Laser; <b>Print Resolution Technologies:</b> 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 emula	ation, native PDF printing (v 1.7), Apple AirPrint™		
Printer Smart Software Features	Print preview, duplex printing, print multiple pages per sheet (2, 4	I, 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 Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)			
Scan Type / Technology	Type: Flatbed, ADF; Technology: Charge Coupled Device (CCD)			
Scan Resolution	<b>Hardware:</b> Up to $600 \times 600$ dpi; <b>Optical:</b> up to $600$ dpi			
Scan File Format	Searchable PDF (OCR), Searchable PDF/A (OCR), LTML (OCR), CSV (OCR), Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR)	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A;		
Scan Input Modes		ave to SharePoint; Open Extensibility Platform (OXP) applications; HP Scan or user application via TWAIN		
Scan Size		147 mm; 2.7 x 5.8 in Minimum; <b>Flatbed</b> : 8.5 x 14 in		
Scan Speed	Up to 90 ppm (b&w), up to 90 ppm (color) <sup>12</sup> ; <b>Duplex:</b> Up to 180 ipm (b&w), up to 180 ipm (color)	Up to 75 ppm (b&w), up to 75 ppm (color) <sup>12</sup> ; <b>Duplex:</b> Up to 120 ipm (b&w), up to 120 ipm (color)		
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; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR), Auto crop to page; Auto-tone JPG; TIFF; MTIFF; PDFScan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support Scan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support	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  JPG; TIFF; MTIFF; PDFScan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support  Scan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support		
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 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 Errigibler; Auto Crop To Page; OCR			
Copy Speed	Black (letter): Up to 55 cpm; Black Duplex (letter): Up to 45 cpm			
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 9999 copies			
Copier Resize	25 to 400%			
Copier Settings	Two-sided copying, scalability, image adjustments (darkness, contrast, background cleanup, sharpness), N-up, N or Z-ordering, content orientation, collation, booklet, job build, edge-to-edge, job storage, ID Copy, Book Copy, A-to-B Copy (different media sizes)			
Fax Speed		Up to: 33.6 kbps		
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 Smart Software Features	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/internet fax; Fax number confirmal Holiday fax schedule			
Fax Features	Fax Delayed Sending: No; Distinctive Ring Detection Supported: No; Fax Phone TAM Interface Supported: No; Fax Telephone Mode Supported: No; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No	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, up to 30 numbers may be blocked; Maximum Speed Dialing Numbers: Up to 1000 numbers; PC Interface Supported: Yes, software not included; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No		
Standard Connectivity	1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket			
Network Capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 108ase-T, 1008ase-Tx, 10008ase-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).	802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); Built-in 802.11a/b/g/n wireless networking (standard)		
Wireless Capability	Optional, enabled with purchase of a wireless hardware accessory. Single band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3000w NFC/Wireless Accessory J8030A, Dual band Wireless Station and Wi-F 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			
Mobile Printing Capability	HP ePrint; Apple AirPrint™; Mopria™ Certified; Google Cloud Print™; Roam optional <sup>5</sup>	HP ePrint; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing; Google Cloud Print™; Roam capable for easy printing <sup>5</sup>		
Memory	Standard: 1.5 GB (printer); 1 GB (scanner); Maximum: 4 GB Total	Standard: 1.5 GB (printer); 512 MB (scanner); Maximum: 4 GB Total		
Processor Speed		GHz		
Duty Cycle		mended Monthly Page Volume: 5000 to 30,000 <sup>10</sup>		
Paper Handling	to 650 sheets standard; Up to 75 envelopes labels legal; <b>Output Capacities</b> : 500-sheet ouput feeder, two-sided printing; Up to 500 sheets standard labels legal; <b>Duplex Options</b> : Automatic (standard); <b>Auto Document Feeder Capacity</b> : Standard, <b>19a</b> : Sheets; <b>Envelope Feeder</b> : <b>Ves</b> , <b>75</b> (optional); <b>Standard Paper Trays</b> : <b>2</b> ; <b>Media Types Supported</b> : Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), monochrome transparency, labels, letterhead, envelope, heavy envelope: <b>Media Weight Supported</b> : Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelope); feeder 2: 16 to 32 lb bond (plain), Automatic Duplexer: 16 to 32 lb, <b>Media Sizes Supported</b> : 100-sheet multipurpose Tray 1: Letter, Legal, Executive, Statement, Officio (8.5 x 13), 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in; 550-sheet optional feeder: Letter, Legal, Executive, Statement, Officio (8.5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 500-sheet optional Hci Letter, Legal; Ty-sheet optional envelope feeder: <b>1</b> /4,	Input Capacities: 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder; Up to 2300 sheets standard; Up to 75 envelopes labels legal; Output Capacities: 500-sheet output feeder, two-sided printing; Up to 1000 sheets standard labels legal; Output Options: Automatic (standard; Auto Document Feeder Capacity: Standard, 150 sheets; Envelope Feeder: Yes, 75 (optional); Standard Paper Trays: 2: Media Types Supported: Paper (plain; light, bond, recycled, heave, varian heave, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), monochrome transparency, labels, letterhead, envelope, heavy envelope; Media Weight Supported: Feeder: 1: 16 to 53 lb bond (plain); Automatic Duplexer: 16 to 32 lb bond (plain); Automatic Duplexer: 16 to 32 lb bond (plain); Automatic, Officio (8,5 x 13), 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in; 5 x 8 in; Envelopes: #9, #10, Monarch; 550-sheet input Tray 2: Letter, Executive, Statement, 4 x 6 in, 5 x 7 in, 5 x 8 in; 550-sheet optional feeder: Letter, Legal, Executive, Statement, Officio (8,5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 200-sheet optional HCL: Letter, Legal, Executive, Statement, Officio (8,5 x 13), 4 x 6 in, 5 x 7 in, 5 x 8 in; 200-sheet optional HCL: 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 input Tray 2: 3.9 x 8 to 8.5 x 14 in; 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; 750-sheet input Tray 2: 3.9 x 8 to 8.5 x 14 in; 75-sheet optional envelope feeder: 3,5 x 5,8 to 7 x 10 in		

# HP LaserJet Enterprise MFP M634 series

The Laserset Little prise Mine Mos4 series				
Technical Specifications	HP LaserJet Enterprise Flow MFP M634h(7PS95A)	HP LaserJet Enterprise MFP M634z(7PS96A)		
Product Dimensions	WxDxH: 20.15 x 22 x 25.2 in; 512 x 558 x 640 mmMaximum: 40.5 x 31.7 x 34.1 in (right side jam access door open, left side cartridge door open, all feeders open and extended, ADF open); 1030 x 808 x 865 mm (right side jam access door open, left side cartridge door open, all feeders open and extended, ADF open)	W x D x H: 26 x 25 9 x 48.5 in; 661 x 688 x 1234 mmMaximum: 40.5 x 35 x 59.1 in (right side jam access door open, left side cartridge door open, all feeders open and extended, ADF open); 1030 x 890 x 1500 mm (right side jam access door open, left side cartridge door open, all feeders open and extended, ADF open)		
Product Weight	73.2 lb <sup>15</sup> ; 33.2 kg <sup>15</sup>	137.8 lb <sup>15</sup> ; 62.5 kg <sup>15</sup>		
What's in the box	HP Laser Jet Multifunction Printer; HP Black Original Laser Jet Toner Cartridge (~10.5K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord. <sup>2</sup>			
Replacement Cartridges	W1470A HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages); W1470X HP 147X High Yield Black Original LaserJet Toner Cartridge (~25,200 pages); W1470Y HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge (~42,000 pages)	W1470A HP 147A Black Original LaserJet Toner Cartridge (~10,500 pages); W1470X HP 147X High Yield Black Original LaserJet Toner Cartridge (~25,200 pages); W1470Y HP 147Y Extra High Yield Black Original LaserJet Toner Cartridge (~42,000 pages) <sup>2</sup>		
Warranty Features	One-year 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.		
Energy Star Certified	Yes			
Energy Efficiency Compliance	ENERGY STAR® qualified; CECP; 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); Extended Keyboard	button (for quick return to the Home menu)		
Display Description	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)			
Software Included	No software solutions are included in the Box only on http://hp.com, http://123.hp.com			
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 http://www.hp.com/go/laserjetfonts			
Compatible Operating Systems	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 User Guide, Search for the Supported Operating Systems section, UPD PCL6 / 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 User Guide, Search			
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			
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; Power Requirements: Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/- 3Hz), 12 A; Input voltage: 220V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/-3Hz), 6 A; Power Consumption: 740 watts (printing/copying), 29.0 watts (ready), 3.3 watts (sleep), <0.1 watts (Auto Off/Manual On), <0.1 watts (Manual Off) <sup>1</sup> ; Typical electricity consumption (TEC) number: ES: 0.783 kWh/week; BA: 2.219 kWh/week; BA: 2.219			
Acoustics	Acoustic Power Emissions: 6.9 B(A); A			
Operating Environment	Operating Temperature Range: 10 to 32.5°C; Recommended Operating Temperature: 15 to 27°C; Storage Temperature Range: -20 to 40°C; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH			
Security Management	Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with Certificate; Pers-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 - 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 Splunk SIEMs			



1 Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Power consumption values typically based on measurement of 115V device. <sup>2</sup> Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/pleanaboutsupplies. <sup>3</sup> An ECC Class A missions compliant device meets the less stringent thigher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An ECC class A device annot be marketed for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment. An Exc should not be purchased and an optimized an

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