

# HP LaserJet Enterprise MFP M632 series



**This HP LaserJet MFP with JetIntelligence combines performance, energy efficiency, and security.<sup>1</sup>**

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.<sup>1</sup>



**HP LaserJet Enterprise MFP  
M632h**



**HP LaserJet Enterprise MFP  
M632ft**



**HP LaserJet Enterprise Flow MFP  
M632z**

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

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- 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.<sup>2</sup>
- Give workgroups what they need to succeed. Easily choose and deploy over 180 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 fast and prints your first page faster—in as quickly as 7 seconds.<sup>4</sup>
- This MFP uses exceptionally low amounts of energy thanks to its innovative design and toner technology.<sup>5</sup>
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes A6 to legal.

### More. Pages, Performance, and Protection.<sup>6</sup>

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Original HP Toner cartridges with JetIntelligence deliver more pages per cartridge than predecessors.<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>7</sup>

### Give workgroups the speed they need

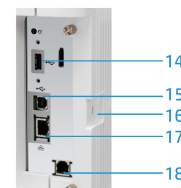
- Help workgroups capture every page easily and detect potential errors or missed pages—every time.
- Enter data more quickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and grayscale-optimized.
- Load up to 150 pages into the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

## Product walkaround

1. 150-sheet ADF with single-pass, two-sided scanning and HP EveryPage<sup>5</sup>
2. 20.3 cm (8.0-inch) intuitive icon-based colour touchscreen
3. Pull-out keyboard<sup>6</sup>
4. HP High-Performance Secure Hard Disk
5. Right door (access to print path)
6. 100-sheet multipurpose tray 1
7. Hardware Integration Pocket<sup>1</sup>
8. Easy-access USB port<sup>2</sup>
9. 1,000-sheet 3-bin stapler/stacker with job offset printing
10. Left door access to toner cartridges
11. Automatic two-sided printing
12. 550-sheet input tray 2
13. 2,000-sheet HCI and 550-sheet tray with stand
14. Host USB port
15. Hi-speed USB 2.0 printing port
16. Slot for cable-type security lock
17. Gigabit Ethernet port
18. Fax port



HP LaserJet Enterprise Flow MFP M632z shown



## Series at a glance



Model	HP LaserJet Enterprise MFP M632h	HP LaserJet Enterprise MFP M632fht	HP LaserJet Enterprise Flow MFP M632z
<b>Product number</b>	J8J70A	J8J71A	J8J72A
<b>Print speeds (A4)<sup>3</sup></b>	Up to 61 ppm	Up to 61 ppm	Up to 61 ppm
<b>HP High Performance Secure Hard Disk</b>	Yes	Yes	Yes
<b>Fax capabilities</b>	Optional	Yes	Yes
<b>100-sheet tray 1, 550-sheet tray 2</b>	Yes	Yes	Yes
<b>550-sheet paper feeder<sup>4</sup></b>	Optional (up to four)	Optional (up to one)	Optional (up to one)
<b>1x550-sheet paper feeder with stand and cabinet<sup>4</sup></b>	Optional	Yes	Not available
<b>3x550-sheet paper feeder and stand<sup>4</sup></b>	Optional	Not available	Not available
<b>1x550 and 2,000-sheet HCI feeder and stand<sup>4</sup></b>	Optional	Not available	Yes
<b>Envelope feeder</b>	Optional (up to two)	Optional (up to one)	Optional (up to one)
<b>3-bin stapler/stacker with job offset printing</b>	Not available	Not available	Yes
<b>Advanced workflow features, including pull-out keyboard<sup>6</sup></b>	Not available	Not available	Yes
<b>Direct mobile printing</b>	Optional wireless direct <sup>5</sup> /NFC <sup>7</sup>	Optional wireless direct <sup>5</sup> /NFC <sup>7</sup>	Optional wireless direct <sup>5</sup> /NFC <sup>7</sup>

## 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](http://hp.com/go/printservices)



Windows 10



## 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.<sup>1</sup>

With speeds of 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.

Get more pages and help protect your printer using Original HP Toner cartridges with JetIntelligence.<sup>6</sup>

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 180 ipm<sup>8</sup>—and avoid extra steps with a Flow MFP designed for maximum productivity.

### Product

<b>J8J70A</b>	HP LaserJet Enterprise MFP M632h
<b>J8J71A</b>	HP LaserJet Enterprise MFP M632fht
<b>J8J72A</b>	HP LaserJet Enterprise Flow MFP M632z

### Accessories

<b>B5L28A</b>	HP Internal USB Ports
<b>B5L29A</b>	HP High-Performance Secure Hard Disk
<b>B5L31A</b>	HP Foreign Interface Harness
<b>CC487A</b>	HP LaserJet MFP Analog Fax Accessory 500
<b>E5K48A</b>	HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM
<b>F5S62A</b>	HP Trusted Platform Module Accessory
<b>J8030A</b>	HP Jetdirect 3000w NFC/Wireless Accessory
<b>J8031A</b>	HP Jetdirect 2900nw Print Server
<b>J8J89A</b>	HP LaserJet 550-sheet Feeder Tray
<b>J8J90A</b>	HP LaserJet Envelope Feeder
<b>J8J91A</b>	HP LaserJet 1x550 Paper Feeder and Cabinet
<b>J8J92A</b>	HP LaserJet High Capacity Paper Feeder and Stand
<b>J8J93A</b>	HP LaserJet 3x550-sheet Paper Feeder with Cabinet
<b>J8J96A</b>	HP Staple Cartridge Refill

### Supplies and Maintenance Kits

<b>CF237A</b>	HP 37A Black Original LaserJet Toner Cartridge (11,000 pages)
<b>CF237X</b>	HP 37X High Yield Black Original LaserJet Toner Cartridge (25,000 pages)
<b>CF237Y</b>	HP 37Y Extra High Yield Black Original LaserJet Toner Cartridge (41,000 pages)
<b>J8J87A</b>	HP LaserJet 110V Maintenance Kit (Up to 225,000 pages)
<b>J8J88A</b>	HP LaserJet 220V Maintenance Kit (Up to 225,000 pages)
<b>J8J95A</b>	HP 300 ADF Roller Replacement Kit

### HP Care Packs

<b>U9NK0E</b>	HP 3 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
<b>U9NK1E</b>	HP 4 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
<b>U9NK2E</b>	HP 5 year Next Business Day HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
<b>U9NK3E</b>	HP 3 year 4 hour 9x5 Hardware Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
<b>U9NK4E</b>	HP 4 year 4 hour 9x5 Hardware Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
<b>U9NK5E</b>	HP 5 year 4 hour 9x5 Hardware Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
<b>U9NL8PE</b>	HP 1 year Post Warranty 4 hour 13x5 Hardware Support w/DMR for LaserJet Enterprise MFP M63x
<b>U9NL9PE</b>	HP 2 year Post Warranty 4 hour 13x5 Hardware Support w/DMR for LaserJet Enterprise MFP M63x
<b>U9NM0PE</b>	HP 1 year Post Wty NBD CTR HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x
<b>U9NM1PE</b>	HP 2 year Post Wty NBD CTR HW Support w/Defective Media Retention for LaserJet Enterprise MFP M63x

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to [hp.com/go/cpc](http://hp.com/go/cpc)

### Paper

Contact HP via phone: Asia: 65 6253 8500

### Solutions

HP Web Jetadmin: [hp.com/go/wja](http://hp.com/go/wja)  
HP Universal Print Driver: [hp.com/go/upd](http://hp.com/go/upd)  
HP Imaging and Printing Security Center: [hp.com/go/ipsc](http://hp.com/go/ipsc)

# HP LaserJet Enterprise MFP M632 series

Model	HP LaserJet Enterprise MFP M632h	HP LaserJet Enterprise MFP M632fht	HP LaserJet Enterprise Flow MFP M632z
<b>Product number</b>	J8J70A	J8J71A	J8J72A
<b>Functions</b>	Print, Copy, Scan	Print, Copy, Scan, Fax	
<b>Print</b>			
Duplex print options	Automatic (standard)		
Print speed <sup>6</sup>	<b>Black (normal, A4):</b> Up to 61 ppm; <b>Black (normal, letter):</b> Up to 65 ppm; <b>Black (Landscape, A5):</b> Up to 100 ppm; <b>Black (Duplex, A4):</b> Up to 50 ppm; <b>Black (Duplex, letter):</b> Up to 53 ppm		
First page out <sup>8</sup>	<b>Black (A4, ready):</b> As fast as 5.4 sec; <b>Black (A4, sleep):</b> As fast as 7.9 sec		<b>Black (A4, ready):</b> As fast as 5.4 sec; <b>Black (A4, sleep):</b> As fast as 12.2 sec
Print technology	Laser		
Print resolution	<b>Black (best):</b> Up to 1200 x 1200 dpi; <b>Black (normal):</b> FastRes 1200; <b>Black (fine lines):</b> Up to 1200 x 1200 dpi		
Print resolution technology	FastRes 1200; 1200 x 1200 dpi		
Standard 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), Apple AirPrint™		
Printer management	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver		
<b>Scan</b>			
Scan type technology	<b>Type:</b> Flatbed, ADF; <b>Technology:</b> Charge Coupled Device (CCD)		
Scan speed <sup>11</sup>	<b>Normal, A4:</b> Up to 69 ppm/111 ipm (b&w), up to 69 ppm/111 ipm (color)		<b>Normal, A4:</b> Up to 83 ppm/167 ipm (b&w), up to 83 ppm/167 ipm (color)
Scan resolution	<b>Enhanced:</b> 600 dpi <b>Hardware:</b> 600 x 600 dpi; <b>Optical:</b> up to 600 dpi		
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	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to SharePoint; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF; Auto Tonescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Crop To Page; OCR	
Color scanning	Yes		
Scan size	<b>Flatbed:</b> 220 x 365 mm; <b>ADF scan size:</b> 215.9 x 863.6 mm		
Scan input mode	Front panel applications: Copy, E-mail; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXP) applications; HP Scan or user application via TWAIn		
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, .pdl, .cht)	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/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pdl, .cht)	
<b>Copy</b>			
Copy speed	<b>Black (normal, A4):</b> Up to 61 cpm; <b>Black (normal, letter):</b> Up to 65 cpm		
First copy out	<b>Black (A4):</b> As fast as 4.9 sec; <b>Black (A4, sleep):</b> As fast as 10.4 sec; <b>Black (letter):</b> As fast as 4.8 sec; <b>Black (letter, sleep):</b> As fast as 10.3 sec		<b>Black (A4):</b> As fast as 4.9 sec; <b>Black (A4, sleep):</b> As fast as 14.7 sec; <b>Black (letter):</b> As fast as 4.8 sec; <b>Black (letter, sleep):</b> As fast as 14.6 sec
Copy resolution	<b>Black (text and graphics):</b> Up to 600 x 600 dpi (flatbed); Up to 600 x 450 dpi (ADF)	<b>Black (text and graphics):</b> Up to 600 x 600 dpi (flatbed); Up to 600 x 450 dpi (ADF)	
Max no 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)		
<b>Fax</b>			
Fax speed	No	33.6 kbps	
Fax memory	No	<b>Fax memory (A4):</b> Greater than 500; <b>Fax memory (letter):</b> Greater than 500	
Fax resolution	No	Up to 300 x 300 dpi (400 x 400 dpi for received faxes only)	
Fax features	No	<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>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>Fax polling supported:</b> Yes (poll to receive only)	
Fax smart software features	No	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule	
<b>Connectivity</b>			
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	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; 1 Fax	
Mobile print capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Google Cloud Print 2.0		
Network ready	Standard (built-in Gigabit Ethernet)		
Wireless capability	Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A or HP Jetdirect 3000w NFC/Wireless Accessory J8030A		
Network Capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).		
<b>Memory</b>	<b>Standard:</b> 1.5 GB (printer); 512 MB (scanner); <b>Maximum:</b> 2 GB Total		
<b>Processor speed</b>	1.2GHz		
<b>Duty cycle (monthly)</b>	Up to 300,000 pages; 5,000 to 30,000		
<b>Paper handling</b>			
Input	100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder	100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder, 550-sheet input feeder with stand and cabinet	100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder, 2000-sheet input feeder with 550 sheet input feeder
Output	500-sheet output feeder, two-sided printing		500-sheet output feeder, 500 sheet output stapler stacker, two-sided printing
Media type	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope		
<b>Dimensions (W x D x H)</b>	512 x 558 x 640 mm	665 x 600 x 1094 mm	661 x 658 x 1234 mm
<b>Weight</b>	33.2 kg	52.5 kg	64.3 kg
<b>What's in the box<sup>1</sup></b>	HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord		
<b>Warranty features</b>	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region.		
<b>Systems</b>			
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, 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.)		
Minimum system requirements	<b>PC:</b> 2GB 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		
<b>Security management</b>	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 WPA-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 (HTTSPS); 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 accessible in Arcsight and Splunk SIEMs		
<b>Fonts and Typefaces</b>	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 <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>		
<b>Control panel</b>	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)		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
<b>Display</b>	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)		
<b>Power</b>	<b>Power supply type:</b> Built in 115V or 220V Power Supply; <b>Power supply required:</b> 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; <b>Power consumption<sup>2</sup>:</b> 740 watts (printing/copying), 29.0 watts (ready), 3.3 watts (sleep), <0.1 watts (Auto Off/Manual On), <0.1 watts (Manual Off); <b>Typical Electricity Consumption number<sup>9</sup> ES:</b> 2.849 kWh/week; BA: 2.626 kWh/week		
<b>Software included</b>	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		
<b>Acoustics</b>	<b>Acoustic Power Emissions (ready):</b> Inaudible; <b>Acoustic Pressure Emissions Bystander (active, printing):</b> 56 dB(A); <b>Acoustic Pressure Emissions Bystander (ready):</b> Inaudible	<b>Acoustic Power Emissions (ready):</b> Inaudible; <b>Acoustic Pressure Emissions Bystander (active, printing):</b> 54 dB(A); <b>Acoustic Pressure Emissions Bystander (ready):</b> Inaudible	<b>Acoustic Power Emissions:</b> 6.9 Bel; <b>Acoustic Power Emissions (ready):</b> 3.5 Bel; <b>Acoustic Pressure Emissions Bystander (active, printing):</b> 54 dB(A); <b>Acoustic Pressure Emissions Bystander (ready):</b> 15 dB(A)
<b>Environmental ranges</b>	<b>Operating Temperature Range:</b> 15 to 32.5°C; <b>Recommended Operating Temperature:</b> 15 to 27°C; <b>Non-operating Humidity Range:</b> 10 to 90% RH; <b>Operating Humidity Range:</b> 10 to 80% RH; <b>Recommended Operating Humidity Range:</b> 30 to 70% RH		
<b>Safety approvals and requirements</b>	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A12:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2007 / IEC 60825-1:2007 (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010 Low Voltage Directive 2006/95/EC with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UL CoC (US/Canada); CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No.50, Dated June 24, 2007; Other safety approvals as required by individual countries		
<b>Supported network protocols</b>	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud Print; DISCOVERY: SLP, Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Stateless via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ANMP, 802.1x		

## Paper-handling accessories



### Footnotes

- <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> HP Web Jetadmin is available for download at no additional charge at <http://www.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, 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> Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in [energystar.gov](http://energystar.gov) versus the top three leading competitors as of 8/2015. Actual results may vary. For details see <http://www.hp.com/go/Ljclaims>
- <sup>6</sup> More pages versus predecessor cartridges claim based on page-yield comparison of HP 37X High Yield Black Original LaserJet Toner Cartridges with HP 87X High Yield Black Original LaserJet Toner Cartridges. For more information, see <http://www.hp.com/go/learnaboutsupplies>
- <sup>7</sup> HP 37X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.
- <sup>8</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.

### Product Walkaround disclaimers

- <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> 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>4</sup> The HP LaserJet Enterprise MFP M632fht and Flow M632z models can add up to one additional optional 550-sheet paper feeder. The M631dn, M632h, and M633fh can add up to four additional optional 550-sheet paper feeders; or, they can add one of the other optional accessories (1x550-sheet paper feeder with stand and cabinet, 3x550-sheet paper feeder and stand, or 1x550 and 2,000-sheet HCl feeder and stand) and up to one additional optional 550-sheet paper feeder.
- <sup>5</sup> The pull-out keyboard and HP EveryPage are only available on the HP LaserJet Enterprise Flow MFP M632z model.
- <sup>6</sup> All models can add wireless direct printing with purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device needs to be connected directly to the signal of a wireless 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](http://hp.com/go/mobileprinting).
- <sup>7</sup> All models can add touch-to-print capability with 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](http://hp.com/go/businessmobileprinting).
- <sup>8</sup> All models can add wireless networking with the purchase of the optional 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.

### Technical specification disclaimers

- <sup>1</sup> Cartridges included; yields 11,000 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>
- <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> 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>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>
- <sup>5</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>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> Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.
- <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> 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.
- <sup>10</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.
- <sup>11</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
- <sup>12</sup> Scan software not included in box. HP Scan and TWAIN driver available for download at <http://hp.com/support>

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