HP LaserJet Enterprise MFP M635 series

This HP LaserJet MFP with JetIntelligence combines performance, energy efficiency, and security.[1]

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.[1]

HP LaserJet Enterprise MFP M635h

HP LaserJet Enterprise MFP M635fht

HP LaserJet Enterprise Flow MFP M635z

The world's most secure printing[1]

- 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.[2]
- 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 quickly as 8.1 seconds.[4]
- 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.[5]

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.

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. Learn more at http://www.hp.com/go/learnaboutsupplies

Product walkaround

150-sheet ADF with single-pass, two-sided scanning and HP EveryPage[4]

Hardware Integration Pocket[1]

Easy-access USB port

1,000-sheet 3-bin stapler/stacker with job offset

22.8 cm (9.0-inch) functional touchscreen with 20.3 cm (8.0-inch) colour graphics display

Pull-out keyboard[4]

HP High-Performance Secure Hard Disk

Left door access to toner cartridges

Automatic two-sided printing

550-sheet input tray 2

Right door access to print path

100-sheet multipurpose tray 1

2,000-sheet HCI and 550-sheet tray with stand

Host USB port

Hi-speed USB 2.0 printing port

Slot for cable-type security lock

Gigabit Ethernet port

Fax port

Rear I/O panel close-up

HP LaserJet Enterprise Flow MFP M635z shown

Series at a glance

	MFP M635h	MFP M635fht	Flow MFP M635z
Part number	7PS97A	7PS98A	7PS99A
Print speeds (A4)[2]	Up to 61 ppm	Up to 61 ppm	Up to 61 ppm
HP High Performance Secure Hard Disk	✓	✓	✓
Fax capabilities	Optional	✓	✓
100-sheet tray 1, 550-sheet tray 2	✓	✓	✓
550-sheet paper feeder[3]	Optional (up to four)	Optional (up to one)	Optional (up to one)
1x550-sheet paper feeder with stand and cabinet[3]	Optional	✓	Not available
3x550-sheet paper feeder and stand[3]	Optional	Not available	Not available
1x550 and 2,000-sheet HCI feeder and stand[3]	Optional	Not available	✓
Envelope feeder	Optional (up to two)	Optional (up to one)	Optional (up to one)
3-bin stapler/stacker with job offset	Not available	Not available	✓
Advanced workflow features, including pull-out keyboard[4]	Not available	Not available	✓
Direct mobile printing	Optional wireless direct[5]/ NFC[6]	Optional wireless direct[5]/ NFC[6]	Optional wireless direct[5]/ NFC[6]
Wireless networking	Optional[7]	Optional[7]	Optional[7]

[1] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
[2] Measured using ISO/IEC 24734; excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[3] The HP LaserJet Enterprise MFP M635fht and Flow M635z models can add up to one additional optional 550-sheet paper feeder. The M634dn, M635h, and M636fh 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 HCI feeder and stand) and up to one additional optional 550-sheet paper feeder.
[4] The pull-out keyboard and HP EveryPage are only available on the HP LaserJet Enterprise Flow MFP M635z model.
[5] 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. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance.
[6] Touch-to-print capability is optional for all models 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.
[7] All models can add wireless networking with the 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.

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 hour 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

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.[1]

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

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

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs super-fast—up to 180 ipm[6]—and avoid extra steps with a Flow MFP designed for maximum productivity.

Product

7PS97A	HP LaserJet Enterprise MFP M635h
7PS98A	HP LaserJet Enterprise MFP M635fht
7PS99A	HP LaserJet Enterprise Flow MFP M635z

Accessories

2EH31A	HP MFP Analog Fax Accessory 700
3JN69A	HP Jetdirect 3100w BLE/NFC/Wireless Accessory
4QL32A	HP Legic Secure USB Reader
5UT59A	HP MFP Analog Fax Accessory 701
B5L28A	HP Internal USB Ports
B5L31A	HP Foreign Interface Harness
E5K49A	HP 2 GB x32 144-pin (800 MHz) DDR3 SODIMM
J8031A	HP Jetdirect 2900nw Print Server
J8J89A	HP LaserJet 550-sheet Feeder Tray
J8J90A	HP LaserJet Envelope Feeder
J8J91A	HP LaserJet 1x550 Paper Feeder and Cabinet
J8J92A	HP LaserJet 1x550-sheet and 2000-sheet HCI Feeder and Stand
J8J93A	HP LaserJet 3x550-sheet Paper Feeder with Cabinet
X3D03A	HP Universal USB Proximity Card Reader
Y7C05A	HP HIP2 Keystroke Reader

Supplies

J8J95A	HP 300 ADF Roller Replacement Kit (150,000 pages)
J8J96A	HP Staple Catridge Refill (5,000 staples)
J8J87A	HP LaserJet 110v Maintenance Kit (225,000 pages)
J8J88A	HP LaserJet 220v Maintenance Kit (225,000 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)

HP Care Packs

U9NK0E	HP 3 Year Next Business Day HW Support W/Defective Media Retention
U9NK1E	HP 4 Year Next Business Day HW Support W/Defective Media Retention
U9NK2E	HP 5 Year Next Business Day HW Support W/Defective Media Retention
U9NK3E	HP 3 Year 4 Hour 9x5 HW Support W/Defective Media Retention
U9NK4E	HP 4 Year 4 Hour 9x5 HW Support W/Defective Media Retention
U9NK5E	HP 5 Year 4 Hour 9x5 HW Support W/Defective Media Retention
U9NL2E	HP 3 year Next Business Day Parts Exchange Service
U9NL3E	HP 4 year Next Business Day Parts Exchange Service
U9NL4E	HP 5 year Next Business Day Parts Exchange Service
U9NL8PE	HP 1 Year Post Warranty NBD HW Support w/Defective Media Retention
U9NL9PE	HP 2 Year Post Warranty NBD HW Support w/Defective Media Retention
U9NM0PE	HP 1 Year Post Warranty 4 Hour 9x5 Hardware Support W/DMR
U9NM1PE	HP 2 Year Post Warranty 4 Hour 9x5 Hardware Support W/DMR
U9NM6PE	HP 1 Year Post Warranty NBD Parts Exchange Service

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

Paper

4WM80A	HP CHP113 Office Paper-2500 sht/A4/210 x 297 mm
4WM81A	HP CHP150 Home and Office Paper-500 sht/A4/210 x 297 mm
4WM82A	HP CHP650 Everyday Paper 75 gsm-500 sht/A4/210 x 297 mm
4WM83A	HP CHP755 Color Choice Paper 200 gsm-250 sht/A4/210 x 297 mm
4WM84A	HP CHP855 Premium Paper 80 gsm-250 sht/A4/210 x 297 mm
4WM85A	HP CHP910 Copy Paper 80 gsm 500 sht/A4/210 x 297 mm

Contact HP via phone: Asia: 65 6253 8500

Solutions

HP Web Jetadmin: hp.com/go/wja

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

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

HP LaserJet Enterprise MFP M635 series

Model	HP LaserJet Enterprise MFP M635h	HP LaserJet Enterprise MFP M635fht	HP LaserJet Enterprise Flow MFP M635z
Product number	7PS97A	7PS98A	7PS99A
Functions	Print, copy, scan, optional fax	Print, copy, scan, fax	
Print			
Duplex print options	Automatic (standard)		
Print speed	**Black (A4, normal):** Up to 61 ppm; **Black (letter, normal):** Up to 65 ppm; **Black (A4, duplex):** Up to 50 ipm; **Black (letter, duplex):** Up to 53 ipm		
First page out[8]	**Black (A4, ready):** As fast as 5.2 sec; **Black (A4, sleep):** As fast as 8.1 sec in mm		**Black (A4, ready):** As fast as 5.2 sec; **Black (A4, sleep):** As fast as 12.2 sec
Print technology	Laser		
Print resolution	**Black (best)** Up to 1200 x 1200 dpi; **Black (normal)** FastRes 1200; **Black (fine lines)** Up to 1200 x 1200 dpi		
Print resolution technology	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 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			
Scan technology	**Type:** Flatbed, ADF; **Technology:** Charge Coupled Device (CCD)		
Scan speed[11]	**Normal (A4):** Up to 69 ppm (b&w), up to 69 ppm (color)		**Normal (A4):** Up to 83 ppm (b&w), up to 83 ppm (color)
Scan resolution	**Enhanced:** Up to 600 dpi; **Hardware:** Up to 600 x 600 dpi; **Optical:** 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	**Flatbed:** 216 x 356 mm; **ADF:** 216 x 864 mm		
Scan input modes	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, 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), Unicode TEXT (OCR), RTF (OCR), Search-able PDF (OCR), Search-able 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), Search-able PDF (OCR), Search-able PDF/A (OCR), HTML (OCR), CSV (OCR);
Copy			
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 percent); Collate; Auto color detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build		
First copy out	**Black (A4):** As fast as 4.9 sec; **Black (A4, sleep):** As fast as 11.2 sec; **Black (letter):** As fast as 4.8 sec; **Black (letter, sleep):** As fast as 11.0 sec		**Black (A4):** As fast as 4.9 sec; **Black (A4, sleep):** As fast as 14.7 sec; **Black (letter):** As fast as 4.8 sec; **Black (letter, sleep):** As fast as 14.6 sec
Copy resolution	**Color (text and graphics):** Up to 600 x 600 dpi		
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)		
Fax			
Fax speed		33.6 kbps / 6 sec per page	
Fax memory		**Fax memory (A4):** Up to 500 pages; **Fax memory (letter):** Up to 500 pages	
Fax resolution		**Black (best):** Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); **Black (standard):** 203 x 98 dpi; **Black and white (fine):** Up to 203 x 196 dpi	
Fax Features	**Fax delayed sending:** No; **Distinctive ring detection supported:** No	**Auto fax reduction supported:** Yes; **Auto-redialing:** Yes; **Fax delayed sending:** No; **Distinctive ring detection supported:** No; **Fax forwarding supported:** Yes; **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; **Fax polling supported:** Yes (poll to receive only)	
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	
Connectivity			
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 printing capability[4]	HP ePrint; Apple AirPrint™; Mopria™ Certified; Google Cloud Print™; Roam optional		
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		
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).		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); Built-in 802.11a/b/g/n wireless networking (optional)
Memory	**Standard:** 1.5 GB (printer); 512 MB (scanner); **Maximum:** Expandable to 4.0 GB		**Standard:** 1.5 GB (printer); 1 GB (scanner); **Maximum:** Expandable to 4.5 GB
Hard disk	Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)		
Processor speed	1.2 GHz		
Duty cycle (monthly)[9]	Up to 300,000 pages; **Recommended monthly page volume**[9]**:** 5000 to 30,000		
Paper handling			
Input	100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder		
Output	500-sheet ouput feeder, two-sided printing		
Media types	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope		
Media weight	Automatic Duplexer: 60 to 120 g/m²		
Media Sizes Custom	100-sheet multipurpose Tray 1: 76 x 127 to 216 to 356 mm; 550-sheet input Tray 2: 99 x 148 to 216 x 297 mm; 550-sheet optional feeder: 99 x 148 to 216 x 356 mm; 75-sheet envelope feeder: 90 x 148 to 178 x 254 mm		
Dimensions (w x d x h)	512 x 558 x 640 mm	665 x 600 x 1094 mm	661 x 658 x 1234 mm
Weight	33.2 kg	52.5 kg	64.3 kg
What's in the box[2]	HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~10.5K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord.		
Software included	No software solutions are included in the box, only on http://hp.com, http://123.hp.com		
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.		

HP LaserJet Enterprise MFP M635 series

Systems		
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 your (Product Name) - 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 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 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;	
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 WJA-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	
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	
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)	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
Display	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)	
Energy efficiency compliance	ENERGY STAR® qualified; CECP; EPEAT® Silver[3]	ENERGY STAR® qualified; CECP; EPEAT® Silver; EPEAT® Gold (Options AAZ; 201)[3]
ENERGY STAR Qualified	Yes	
Power	Power supply type: Built in 115V or 220V Power Supply; Power supply required: 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[1]: 740 watts (printing/copying), 29.0 watts (ready), 3.3 watts (sleep), <0.1 watts (Auto Off/Manual On), <0.1 watts (Manual Off); Typical Electricity Consumption number[10]: ES: 0.935 kWh/week; BA: 2.626 kWh/week	
Acoustics	Acoustic power emissions[5]: 7.0 B(A) ; Acoustic power emissions (ready): Inaudible ; Acoustic pressure emissions bystander (active, printing): 54 dB(A) ; Acoustic pressure emissions bystander (ready): Inaudible	
Environmental ranges	Operating temperature range: 10 to 32.5°C ; Recommended operating temperature: 15 to 27°C ; Operating humidity range: 10 to 80% RH ; Recommended operating humidity range: 30 to 70% RH	
Safety approvals and requirements	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); EN60950-1:2006 +A11:2009 +A1:2010 +A12:2011 +A2:2013 (EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; IEC 62471:2006 / EN 62471:2008; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC 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.	
Supported network protocols	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, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPs, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x	

Footnotes

[1] 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: 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/webjetadmin

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

[4] Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.

[5] HP 147X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.

[6] 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.

[7] 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.

Technical specifications disclaimers

[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.

[2] 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/learnaboutsupplies.

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

[4] 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://hp.com/go/roam

[5] Acoustic values are subject to change. For current information see http://www.hp.com/support. Noise measured during printing mono duplex A4 at 62 ppm and ADF scan mono simplex A4 at 95 ipm.

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

[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, software application, driver, and document complexity.

[8] First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application and document complexity.

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

[10] 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

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

[12] HP recommends that the number of scanned pages per month be within the stated range for optimum device performance

[13] Scan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support

[14] With print cartridges

[15] 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.

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