HP LaserJet Enterprise MFP M631 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 Flow MFP M631h

HP LaserJet Enterprise MFP M631z

The world's most secure printing[1]

- With HP Sure Start, each printer regularly checks its operating code and repairs itself from attempted hacks.
- Help prevent potential attacks and take immediate action with instant notification of security issues.
- Centralize control of your printing environment with HP Web Jetadmin—and help build business efficiency.[3]
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes A6 to legal .

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 7.8 seconds.[2]
- This MFP uses exceptionally low amounts of energy thanks to its innovative design and toner technology.[6]
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes A6 to legal.

More. Pages, Performance, and Protection.[5]

- 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.[5]
- 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.[7]

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. Hardware Integration Pocket[1]
2. Easy-access USB port[2]
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. 8.0-inch (20.3 cm) intuitive icon-based color touchscreen
10. HP High-Performance Secure Hard Disk
11. Wi-Fi Direct printing[6]/Bluetooth Low Energy[8]
12. Right door (access to print path)
13. 100-sheet multipurpose tray 1
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

Series at a glance

Model	HP LaserJet Enterprise Flow MFP M631h	HP LaserJet Enterprise MFP M631z
Model	HP LaserJet Enterprise Flow MFP M631h	HP LaserJet Enterprise MFP M631z
Part number	J8J64A	J8J65A
Print speeds (letter/A4)[3]	Up to 55/52 ppm	
Fax capabilities	Optional	√
HP High-Performance Secure Hard Disk	√	
100-sheet tray 1, 550-sheet tray 2	√	
550-sheet paper feeder[4]	Optional (up to four)	Optional (up to one)
1x550-sheet paper feeder with stand and cabinet[4]	Optional	Not available
3x550-sheet paper feeder and stand[4]	Optional	√
1x550 and 2,000-sheet HCI feeder and stand[4]	Optional	Not available
Envelope feeder	Optional (up to two)	Optional (up to one)
3-bin stapler/stacker with job offset	Not available	√
Advanced workflow features, including pull-out keyboard[5]	√	Not available
Direct mobile printing	Optional wireless direct[6]/NFC[7]	Embedded Wi-Fi Direct[6]/Bluetooth Low Energy[8]
Wireless networking	Optional[9]	

[1] Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
[2] An administrator must enable the easy-access USB port before use.
[3] 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.
[4] Measured using ISO/IEC 24734; excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[5] The pull-out keyboard and HP EveryPage are only available on the HP LaserJet Enterprise Flow MFP M631h, Flow MFP M632z, and Flow MFP M633z models.
[6] Wi-Fi Direct printing is embedded in the HP LaserJet Enterprise M631z and Flow M633z models. All other models can add wireless direct with purchase of the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device needs to be connected directly to the signal of a Wi-Fi Direct® supported MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. For details, see hp.com/go/mobileprinting. Wi-Fi Direct is a registered trademark of Wi-Fi Alliance®.
[7] Touch-to-print capability can be added to all models (except M631z and Flow M633z) 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/gobusinessmobileprinting
[8] Bluetooth Low Energy is standard only on the HP LaserJet Enterprise MFP M631z and Flow MFP M633z models, and it cannot be added to other models. Bluetooth® is a trademark owned by its proprietor and used by HP Inc. under license.
[9] 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. 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.[1]

With speeds of up to 55 pages per minute,[4] 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.[5]

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

Accessories

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

5EL03A HP TAA Version Secure Hard Disk Drive

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

B5L28A HP Internal USB Ports

B5L31A HP Foreign Interface Harness

CC487A HP LaserJet MFP Analog Fax Accessory 500

CC543B HP SmartCard NIPRNet Solution for US Government

E5K48A HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM

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

F5S62A HP Trusted Platform Module Accessory

J8030A HP Jetdirect 3000w NFC/Wireless Accessory

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

J8J95A HP 300 ADF Roller Replacement Kit

J8J96A HP Staple Cartridge Refill

Supplies

HP 37A Black Original LaserJet Toner Cartridge (11,000 yield) CF237A

HP 37X High Yield Black Original LaserJet Toner Cartridge (25,000 yield) CF237X

HP 37Y Extra High Yield Black Original LaserJet Toner Cartridge (41,000 yield) **CF237Y**

Services

U9NK2E - HP 5 year Next Business Day HW Support w/Defective Media Retention

U9NK5E - HP 5 year 4 hour 9x5 Hardware Support w/Defective Media Retention

U9NK8E - HP 5 year 4 hour 13x5 Hardware Support w/Defective Media Retention

U9NL1E - HP 5 year NBD Call To Repair HW Support w/Defective Media Retention

U9NL4E - HP 5 year Next Business Day Parts Exchange Service

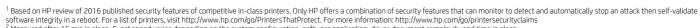**U9NL7E** - HP 5 year Next Business Day + max 5 Maintenance Kit HW Support

U9NL9PE - HP 5 year Next Business Day + max 5 Maintenance Kit HW Support

U9NM1PE - HP 2 year Post Warranty 4 hour 9x5 Hardware Support w/DMR

U9NM3PE - HP 2 year Post Warranty 4 hour 13x5 Hardware Support w/DMR

U9NM5PE - HP 2 year Post Wty NBD CTR HW Support w/Defective Media Retention

U9NM7PE - HP 2 year Post Wty NBD CTR HW Support w/Defective Media Retention

[1] Based on HP review of 2016 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printersecurityclaims
[2] Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep.
[3] HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin
[4] 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.
[5] 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
[6] Based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or as reported in energystar.gov versus the top three leading competitors as of 8/2015. Actual results may vary. For details see http://www.hp.com/go/Ljclaims
[7] HP 37X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.
[8] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[9] 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.

HP LaserJet Enterprise MFP M631 series

Model	HP LaserJet Enterprise Flow MFP M631h	HP LaserJet Enterprise MFP M631z
Product number	J8J64A	J8J65A
AIO functions	Print, Copy, Scan; **AIO multitasking supported:** Yes	Print, Copy, Scan, Fax; **AIO multitasking supported:** Yes
Print		
Print speed[6,8,7]	**Letter:** Up to 55 ppm Black; **2-sided:** Up to 45 ppm Black; **First page out:** As fast as 5.3 sec Black; **Print speed (Landscape, A5):** Up to 80 ppm 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; **Print resolution technology:** FastRes 1200; 1200 x 1200 dpi	
Print cartridges number	1 (black)	
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 smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB	
Printer management / HP SureSupply	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/ Yes	
Scan		
Scan type / Technology	**Type:** Flatbed, ADF; **Technology:** Charge Coupled Device (CCD)	
Scan resolution	**Hardware:** 600 x 600 dpi; **Optical:** up to 600 dpi	
Scan file format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)
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 Size	**ADF:** 8.5 x 34.0 in Maximum; 2.7 x 5.8 in Minimum; **Flatbed:** 8.5 x 14 in	
Scan speed[11]	Up to 83 ppm (b&w), up to 83 ipm (color) **Duplex:** Up to 167 ipm (b&w), up to 167 ipm (color)	Up to 69 ppm (b&w), up to 69 ipm (color) **Duplex:** Up to 111 ipm (b&w), up to 111 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; Scan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support PDF, JPG, TIF, MTIF	Optimize text/picture; Image adjustments; Job build; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge Erase; Job notification; Blank page suppression; HP Quick Sets; Scan software not included in box. HP Scan and TWAIN driver available for download at http://hp.com/support PDF, JPG, TIF, MTIF
Bit depth / Grayscale levels	Internal: 30 bit ; External: 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 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	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
Copy		
Copy speed	**Black (ISO):** Up to 52 cpm; **First copy out:** As fast as 4.8 sec Black; **2-sided:** Up to 45 cpm Black	
Copy resolution	**Black (text and graphics):** Up to 600 x 600 dpi (flatbed); Up to 600 x 450 dpi (ADF)	
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		
Fax speed[5]		**Up to:** 33.6 kbps / **Letter:** 3 sec per page
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 confirmation; Holiday fax schedule
Fax Features	**Fax telephone mode supported:** No	**Fax memory:** Greater than 500; **Auto fax reduction supported:** Yes; **Auto-redialing:** Yes; **Fax delayed sending:** No; **Distinctive ring detection supported:** No; **Fax forwarding supported:** Yes; **Fax phone TAM interface supported:** No; **Fax polling supported:** Yes (poll to receive only); **Fax telephone mode supported:** No; **Junk barrier supported:** Yes; **Maximum speed dialing numbers:** Up to 1000 numbers (each with 210 destinations); **PC interface supported:** Yes; **Remote retrieval capability supported:** No; **Telephone handset supported:** No
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; 1 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy
Network capabilities	Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); 802.11a/b/g/n wireless networking (optional).	
Wireless capability	Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A or HP Jetdirect 3000w NFC/Wireless Accessory J8030A	Built-in Wi-Fi Direct, Bluetooth low energy (BLE)
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Google Cloud Print 2.0	
Memory	**Standard:** 1.5 GB (printer); 1 GB (scanner); **Maximum:** 2.5 GB Total	**Standard:** 1.5 GB (printer); 512 MB (scanner); **Maximum:** 2 GB Total
Processor speed	1.2GHz / **Hard disk:** Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)	
Duty cycle (monthly)	**Letter:** Up to 300,000 pages; **Recommended monthly page volume:** 5000 to 30,000	
Paper handling		
Input	100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder; Up to 650 sheets Standard; Up to 75 envelopes	100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder, 3x550-sheet input feeder with stand; Up to 2300 sheets Standard; Up to 75 envelopes
Output	**Standard:** 500-sheet ouput feeder, two-sided printing; Up to 500 sheets Standard; **Transparencies:** Up to 200 sheets	**Standard:** 500-sheet ouput feeder, 500 sheet output stapler stacker, two-sided printing; Up to 1000 sheets Standard; **Transparencies:** Up to 200 sheets
Duplex Options	Automatic (standard)	
Auto document feeder capacity	Standard, 150 sheets	
Envelope feeder	Yes, 75 (optional)	
Standard paper trays	2	5
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	feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); feeder 2: 16 to 32 lb bond (plain); Automatic Duplexer: 16 to 32 lb	feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); feeder 2, 3: 16 to 32 lb bond (plain)
Media sizes	feeder 1: Letter, legal, statement, executive, Oficio (8.5 x 13 in), envelopes [No. 9, No. 10, Monarch(7 3/4)], 3 x 5, 4 x 6, 5 x 7, 5 x 8; feeder 2: letter, executive	feeder 1: Letter, legal, statement, executive, Oficio (8.5 x 13 in), envelopes [No. 9, No. 10, Monarch(7 3/4)], 3 x 5, 4 x 6, 5 x 7, 5 x 8; feeder 2, 3: letter, executive; feeder 4: Letter, Legal
Media Sizes Custom	feeder 1: 3 x 5 to 8.5 x 14 in; feeder 2: 3.90 x 5.83 to 8.5 x 11 in	Feeder 1: 3 x 5 to 8.5 x 14 in; feeder 2: 3.90 x 5.83 to 8.5 x 11 in, feeder 3: 3.90 x 5.83 to 8.5 x 11 in, feeder 4: 8.27 x 11 to 8.5 x 14
Dimensions (w x d x h)	20.15 x 22 x 25.2 in; **Maximum:** 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)	26 x 25.9 x 48.5 in; **Maximum:** 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)
Weight	73.2 lb	137.8 lb
What's in the box[1]	HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord	
Replacement cartridges[3]	HP 37A Black Original LaserJet Toner Cartridge (11,000 yield) CF237A; HP 37X High Yield Black Original LaserJet Toner Cartridge (25,000 yield) CF237X; HP 37Y Extra High Yield Black Original LaserJet Toner Cartridge (41,000 yield) CF237Y	
Warranty features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support to learn about HP award winning service and support options in your region.	
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); Pull-out Keyboard	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)
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)	
Software included	HP Connected, HP Device Experience (DXP), HP PCL 6 Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or OS App Source for printer software), Online user manuals	
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 available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts	
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 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.)	
Compatible network operating systems	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2, and 3), Citrix on Windows Server 2003/2003R2, Citrix on Windows Server 2008/2008R2/2008 R2 SP1, Citrix on Windows Server 2012/2012R2, Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 64-bit, Citrix XenApp 6.0/6.5 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Citrix XenDesktop 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenDesktop 6.5/6.7.0/7.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenDesktop 7.0/7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 64-bit], Novell NetWare 6.5/SP8 Novell Clients www.novell.com/iprint, Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Servers www.novell.com/iprint, Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2016/ 64-bit Standard/ Essential/Datacenter (+ Cluster & Terminal Services)	
Minimum system requirements	**PC:** 2 GB available hard disk space; OS hardware requirements see microsoft.com; **Mac:** 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info	
Power[9][10]	**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[2]:** 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 (TEC) number:** ES: 2.348 kWh/week; BA: 2.219 kWh/week; **Best technical electricity consumption (TEC):** 2.219 kWh/week	
Acoustics	**Acoustic power emissions:** 6.9 Bel	**Acoustic power emissions:** 6.9 Bel
Operating environment	**Operating temperature range:** 59 to 90.5°F ; **Recommended operating temperature:** 59 to 80.6°F ; **Storage temperature range:** -4 to 104°F ; **Operating humidity range:** 10 to 80% RH ; **Recommended operating humidity range:** 30 to 70% RH	
Security management	Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with Certificate; Pre-Shared Key; and Kerberos authentication; Supports 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	

[1] 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

[2] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Power consumption values typicallty based on measurement of 115 v device.

[3] 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

[4] Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies

[5] 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

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

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

[8] 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.

[9] 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.

[10] Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.

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

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

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