Data sheet

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.
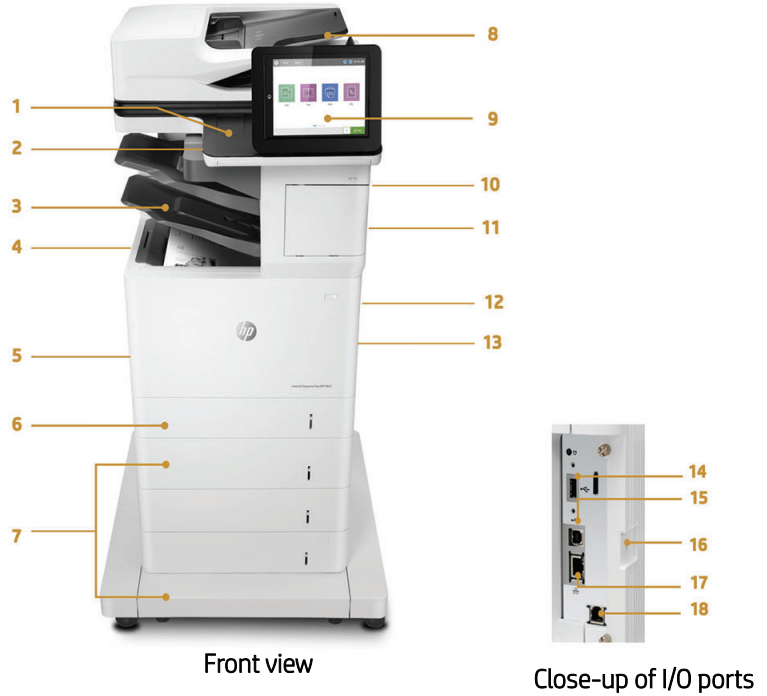- Spend less time replacing toner, and more on business. Choose high-yield toner cartridges.[7]

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.

[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 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.

HP LaserJet Enterprise MFP M631z

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

Front view

Close-up of I/O ports

Series at a glance

Model	HP LaserJet Enterprise Flow MFP M631h	HP LaserJet Enterprise MFP M631z
DUfh`bi a VVf	J8J64A	J8J65A
Df]ohgdYYXg'f]YHhYf#5(Ł	Up to 55/52 ppm	Up to 55/52 ppm
: U] 'WdUV]']h]Yg	Optional	√
<D`<][\!DYfŹcfa UbW`GYW`fY`<UfX`8]g_	√	√
%$$!g\YYh'hfUm'%ž)) $!g\YYh'hfUm&	√	√
)) $!g\YYh'dUdYf`ZYYXYf	Optional (up to four)	Optional (up to one)
%)) $!g\YYh'dUdYf`ZYYXYf`k]h\`ghUbX`UbX`WUV]oYh	Optional	Not available
')) $!g\YYh'dUdYf`ZYYXYf`UbX`ghUbX	Optional	√
%)) $`UbX`&ž$$!g\YYh`<7=ZYYXYf`UbX`ghUbX	Cdh]cbU`	Not available
9bj`Y`cdY`ZYYXYf	Optional (up to two)	Optional (up to one)
' !V]o`ghUd`Yf#ghUW_Yf`k ]h\`'c`V`c`ZZgYh	Not available	√
5Xj UbWX`k cf_Zck`ZYUh`fYgž]oWl`X]b]` di `!cl`h`_YmVcUfX	√	Not available
8]fYWh`a cV]`Y`df]bh]b[	Optional wireless direct[6] /NFC[7]	Embedded Wi-Fi

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Next Business Day Onsite with Defective Media Retention:
Customers can retain their hard disk drive and keep control of sensitive data.

Same Day Onsite – 4 hour 9x5 and 13x5: Sends an HP technician to customers' site the same business day for repair, within 4 hours, if the issue cannot be resolved through remote support. Various support window times are available, for different requirements.

Next Business Day Exchange:
Ships a permanent replacement unit overnight via premium airfreight, if hardware issue cannot be resolved remotely. Shipping charges are prepaid by HP.

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
J8J89A –	HP LaserJet 550-sheet paper feeder
J8J90A –	HP LaserJet Envelope Feeder
J8J91A –	HP LaserJet 1x550-sheet paper feeder with stand and cabinet (only M631H)
J8J92A –	HP LaserJet 1x550-sheet and 2,000-sheet HCI feeder and stand (only M631H)
J8J93A –	HP LaserJet 3x550-sheet paper feeder with stand (only M631H)
B5L28A –	HP Internal USB Ports
B5L31A –	HP Foreign Interface Harness (FIH)
CC487A –	HP LaserJet MFP Analog Fax Accessory 500 (only M631H)
J8031A –	HP Jetdirect 2900nw Print Server
J8030A –	HP Jetdirect 3000w NFC/Wireless Accessory (only M631H)
F5S62A –	HP Trusted Platform Module Accessory
A7W12A –	HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese
A7W14A –	HP LaserJet Keyboard Overlay Kit Sweden
E5K48A –	HP 1GB DDR3 x32 144-Pin 800MHz SODIMM

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
CF237A –	HP 37A Black Original LaserJet Toner Cartridge
CF237X –	HP 37X High Yield Black Original LaserJet Toner Cartridge
CF237Y –	HP 37Y Extra High Yield Black Original LaserJet Toner Cartridge

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

HP LaserJet Enterprise MFP M631 series

Technical Specifications	HP LaserJet Enterprise Flow MFP M631h (J8J64A)	HP LaserJet Enterprise MFP M631z (J8J65A)
MFP functions	Print, Copy, Scan; **MFP multitasking supported:** Yes	Print, Copy, Scan, Fax; **MFP multitasking supported:** Yes
Print speed	**Letter:** Up to 55 ppm black[6]; **First page out:** 5.3 sec [8]	
Print resolution	**Black (fine lines):** Up to 1200 x 1200 dpi	
Print Technology	Laser; **Print Resolution Technologies:** 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 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	
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:** 215.9 x 863.6 mm; 8.5 x 34.0 in Maximum; 68 x 147 mm; 2.7 x 5.8 in Minimum; **Flatbed:** 220 x 365 mm;	**ADF:** 215.9 x 863.6 mm; 8.5 x 34.0 in Maximum; 68 x 147 mm; 2.7 x 5.8 in Minimum; **Flatbed:** 220 x 365 mm;
Scan Speed	**Letter:** Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color); **Duplex: Letter:** Up to 180 ipm (b&w), up to 180 ipm (color)[11]	**Letter:** Up to 75 ppm/120 ipm (b&w), up to 75 ppm/120 ipm (color) ;**Duplex:Letter:** Up to 120 ipm (b&w), up to 120 ipm (color)[11]
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 PDF, JPG, TIF, MTIF 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 PDF, JPG, TIF, MTIF Scan 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	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 Speed	**Black (Letter):** Up to 55 cpm	
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 Speed		**Up to:** 33.6 kbps[5]
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
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).	
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	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 320 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:** 5,000 to 30,000	
Paper Handling	**Input Capacities:** 100-sheet multipurpose feeder, 550-sheet input feeder, 150-sheet automatic document feeder; Up to 650 sheets standard; Up to 75 envelopes labels legal; **Output Capacities:** 500-sheet ouput feeder, two-sided printing; Up to 500 sheets standard labels legal; **Duplex 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, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope; **Media Weight Supported:** feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); feeder 2: 16 to 32 lb bond (plain); **Media Sizes Supported:** 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; **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	**Input Capacities:** 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 labels legal; **Output Capacities:** 500-sheet ouput feeder, 500 sheet output stapler stacker, two-sided printing; Up to 1000 sheets standard labels legal; **Duplex Options:** Automatic (standard)**Auto Document Feeder Capacity:** Standard, 150 sheets; **Envelope Feeder:** Yes, 75 (optional); **Standard Paper Trays:** 5; **Media Types Supported:** 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 Supported:** feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); feeder 2, 3: 16 to 32 lb bond (plain); **Media Sizes Supported:** 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 3: 3.90 x 5.83 to 8.5 x 11 in, feeder 4: 8.27 x 11 to 8.5 x 14

HP LaserJet Enterprise MFP M631 series

Technical Specifications	HP LaserJet Enterprise Flow MFP M631h (J8J64A)	HP LaserJet Enterprise MFP M631z (J8J65A)
Product Dimensions	**W x D x H:** 20.15 x 22 x 25.2 in; 512 x 558 x 640 mm **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); 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 658 x 1234 mm **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); 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	33.2 kg73.2 lb	62.5 kg137.8 lb
What's in the box	HP LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~11K yield); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord	
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.	
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	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 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	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 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	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.)	
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 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:** 2GB 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	**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; [2]	
Acoustics	**Acoustic Power Emissions:** 6.9 Bel; **Acoustic Pressure Emissions:** 55 dB(A)	**Acoustic Power Emissions:** 6.9 Bel; **Acoustic Pressure Emissions:** 53 dB(A)
Operating Environment	**Operating Temperature Range:** 15 to 32.5°C; **Recommended Operating Temperature:** 15 to 27°C; **Storage Temperature Range:** -20 to 40°C; **Non-Operating Humidity Range:** 10 to 90% RH; **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; 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.

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