HP Color LaserJet Enterprise MFP M681 series



This HP Color LaserJet MFP merges performance, energy efficiency, and the deepest security. 1

This HP Color LaserJet MFP with JetIntelligence combines exceptional performance and energy efficiency with professional-quality documents right when you need them—all while protecting your network with the industry's deepest security. 1



HP Color LaserJet Enterprise MFP M681dh



HP Color LaserJet Enterprise MFP M681f



HP Color LaserJet Enterprise Flow MFP M681f



HP Color LaserJet Enterprise Flow MFP

The world's most secure printing¹

- 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.8
- Give workgroups what they need to succeed. Easily choose and deploy over 180 HP and third-party solutions.

High speed performance meets energy efficiency

- Scanning is now faster than ever; scan to SharePoint and more.
- This MFP wakes up fast and prints your first page faster—in as quickly as ____ seconds.
- This MFP uses exceptionally 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.

More Pages, Performance, and Protection⁴

- ColorSphere3 toner formulation, combined with an automatic media sensor, help provide leading print quality.
- Original HP Toner cartridges with JetIntelligence supply 39% more pages per color cartridge vs predecessor.4
- 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-vield 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 guickly and accurately using the pull-out keyboard.
- Help ensure every scanned document is properly oriented, cropped to size, and
- 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 hp.com/go/PrintersThatProtect. For more information; hp.com/go/printersecurityclaims
2 More pages versus predecessor cartridges claim based on page-yield comparison of HP 653X High Yield Color Original LaserJet Toner Cartridges with HP 657X High Yield Color Original LaserJet Toner Cartridges. For more information, see

^{*} More pages versus predecessur cartriuges cann use on page year common process. The page is a common page of the page is a common page of the page is a common page. The page is a common page is a common page of the page is a common page. The page is a common page is a common page. The page is a common page is a common page. The page is a common page is a common page. The page is a common page is a common page. The page is a common page is a common page is a common page. The page is a common page is a common page. The page is a common page is a common page. The page is a common page is a common page is a common page. The page is a common page is a common page. The page is a common page is a comm

Product walkaround

- 1. Hardware Integration Pocket¹
- 2. Easy-access USB port²
- 3. 1,000-sheet 3-bin stapler/stacker with offset job printing (Flow z models only)
- 4. Built-in automatic two-sided printing
- 5. HP High-Performance Secure Hard Disk
- 6. 550-sheet tray 2
- 7. 3x550-sheet paper feeder and stand³
- 8. 150-sheet ADF with single-pass, two-sided scanning and HP EveryPage⁴
- 9. 8.0-inch (20.3 cm) icon-based color touchscreen
- 10. Pull-out keyboard4
- 11. 100-sheet multipurpose tray 1
- 12. Lower-right door (access to print path)
- 13. Front door access to toner cartridges
- 14. Fax port⁵
- 15. Slot for cable-type security lock
- 16. Built-in Gigabit Ethernet
- 17. Hi-Speed USB 2.0 printing port
- 18. USB port for connecting external USB devices



Series at a glance









Model	HP Color LaserJet Enterprise MFP M681dh	HP Color LaserJet Enterprise MFP M681f	HP Color LaserJet Enterprise Flow MFP M681f	HP Color LaserJet Enterprise Flow MFP M681z
Product number	J8A10A	J8A11A	J8A12A	J8A13A
Print speeds (letter/A4) ⁶	Up to 50/47 pages per minute (ppm)	Up to 50/47 ppm		
Fax capabilities	Optional	\checkmark		
100-sheet tray 1, 550-sheet tray 2	√			
550-sheet paper feeder	Optional (up to two) ⁷	Not available	Optional (up to two)	Not available
550-sheet paper feeder with stand and cabinet	Optional ⁷	√	Optional	Not available
3x550-sheet paper feeder and stand	Optional ⁷	Not available	Optional	√
1x550-sheet/2,000-sheet HCI feeder and stand	Optional ⁷	Not available	Optional	Not available
3-bin stapler/stacker with offset job printing	Not available		√	
Advanced workflow features including pull-out keyboard	Not available		√ √	
Direct mobile printing	Optional wireless direct ⁸ /NFC ⁹	Optional wireless direct ⁷ /NFC ⁸		
Wireless networking	Optional ¹¹	Optional ¹⁰		

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 Standard and optional paper-handling accessories vary by model. See Series at a glance table for details.
4 The pull-out keyboard and HP EveryPage are only available on the HP Color LaserJet Enterprise Flow MFP M6812 and Flow MFP M682z models.
5 Fax capability is optional on the HP Color LaserJet Enterprise MFP M681dh model; it is included on all other models.
6 Measured using ISO/IFC 24734; excludes first set of test documents. For more information, see ph.com/ago/Printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
7 Wi-Fi Direct is using ISO/IFC 24734; excludes first set of test documents. For more information, see ph.com/ago/Printerprine printing is embedded in the HP Color LaserJet Enterprise Flow MFP M682z model. All other models can add wireless direct by purchasing the optional HP Jetdirect 3000w NFC/Wireless Direct Accessory. Mobile device needs to be connected directly to the signal of a Wireless of the optional first of the signal of a Wireless Direct Accessory. Mobile device must support Near Field Communication (NFC)-enabled printing. For more information, see ph.com/ago/Pusinesssmobileprinting.
8 Touch-to-print capability is optional for all models (except the Flow MFP M682z) with the 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 ph.com/ago/Pusinesssmobileprinting.
9 Bluetooth Low Energy is only available on the HP Color LaserJet Enterprise Flow MFP M682z. Bluetooth* is a trademark owned by its proprietor and used by HP Inc. under license.
10 Wireless networking requires purchase of the HP Jetdirect 2900nw Print Server. Wireless performance is dependent on physical environment and distance from access point, and may be limited d

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

Same Day Onsite – 4 hour 9x5:: 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 Onsite with Defective Media Retention: Customers can retain their hard disk drive and keep control of sensitive data.













Top features

Only HP enterprise printers repair themselves from attacks in real time while offering outstanding manageability. Automatically monitor threats, detect intrusions, and validate operating software while centrally managing your fleet with ease.

With speeds up to 50 pages per minute³, 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 MFP using Original HP Toner cartridges with JetIntelligence.⁴

Accelerate workflow, improve accuracy, and easily connect people throughout your organization. Complete high-volume scan jobs fast—up to $180~\text{ipm}^6$ —and avoid extra steps with a Flow MFP designed for maximum productivity.

Accessories

HP Accessibility Assistant

HP Accessibility Kit

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

2MU47A 2TD64A A7W13A B5L28A B5L29A B5L31A E5K48A F5S62A J8030A J8031A

HP LaserJet Reyboard Overlay Kit-Danish/Fenc HP Internal USB Ports HP Foreign Interface Harness HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM HP Trusted Platform Module Accessory HP 1 Jetdirect 3000w NFC/Wireless Accessory HP Jetdirect 2900nw Print Server

Supplies

CF450A CF451A CF452A CF453A CF470X CF471X CF472X CF473X HP 655A Black Original LaserJet Toner Cartridge (12,500 pages)
HP 655A Cyan Original LaserJet Toner Cartridge (10,500 pages)
HP 655A Vellow Original LaserJet Toner Cartridge (10,500 pages)
HP 655A Magenta Original LaserJet Toner Cartridge (10,500 pages)
HP 657X High Yield Black Original LaserJet Toner Cartridge (28,000 pages)
HP 657X High Yield Cyan Original LaserJet Toner Cartridge (23,000 pages)
HP 657X High Yield Vellow Original LaserJet Toner Cartridge (23,000 pages)
HP 657X High Yield Magenta Original LaserJet Toner Cartridge (23,000 pages)
HP 657X High Yield Magenta Original LaserJet Toner Cartridge (23,000 pages)
HP 4657X High Yield Magenta Original LaserJet Toner Cartridge (23,000 pages)

P1B94A

U9NP3E - HP 3y Nbd+DMR CLJ Ent MFP M68x HW Supp

U9NP4E - HP 4y Nbd+DMR CLJ Ent MFP M68x HW Supp

U9NP5E - HP 5y Nbd+DMR CLJ Ent MFP M68x HW Supp U9NP6E - HP 3y 4h 9x5+DMR CLJ Ent MFP M68x HWSupp

U9NP7E - HP 4v 4h 9x5+DMR CLJ Ent MFP M68x HWSupp

U9NP8E - HP 5y 4h 9x5+DMR CLJ Ent MFP M68x HWSupp

U9NP9E - HP 3y 4h13x5+DMR CLJ Ent MFP M68x HWSupp

U9NQ0E - HP 4y 4h13x5+DMR CLJ Ent MFP M68x HWSupp

U9NQ1E - HP 5y 4h13x5+DMR CLJ Ent MFP M68x HWSupp

U9NQ2E - HP 3v NBD CTR+DMR CLJ EntMFP M68x HWSupp

U9NQ3E - HP 4y NBD CTR+DMR CLJ EntMFP M68x HWSupp

U9NQ4E - HP 5y NBD CTR+DMR CLJ EntMFP M68x HWSupp U9NQ5E - HP 3yNbd ChnlParts CLJ EntMFP M68x SVC

U9NQ6E - HP 4yNbd ChnlParts CLJ EntMFP M68x SVC

U9NQ7E - HP 5yNbd ChnlParts CLJ EntMFP M68x SVC

U9NW8E - HP3yNbd+max3MaintKit CLJEntMFPM68xHWSupp

U9NW9E - HP4yNbd+max4MaintKit CLJEntMFPM68xHWSupp

U9NX0E - HP5yNbd+max5MaintKit CLJEntMFPM68xHWSupp U9NX1PE - HP 1y PW Nbd+DMR CLJ Ent MFP M68x HWSupp

U9NX2PE - HP1yPW ChnlParts CLJ Ent MFP M68x SVC

U9NYOPE - HP2yPW ChnlParts CLJ Ent MFP M68x SVC

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 hp.com/go/PrintersThatProtect. For more information: hp.com/go/printersecurityclaims

4 More pages versus predecessor cartridges claim based on page-yield compression of HP 6523 High Yield Color Original Laser Jet Toner Cartridges. For more information, see hp.com/go/leanaboutsupplies

3 HP 657X High Yield Original Laser Jet Toner Cartridges not included; please purchase separately.

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 Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin.

6 Energy claim based on TEC data reported on energystar.gov as of January 2017. Data normalized to determine energy efficiency of in-class laser printers with published speed of 50 to 60 ppm. Subject to device settings. Actual results may vary.

HP Color LaserJet Enterprise MFP M681 series

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First page of latter in fair as 6.4 set Clask, As lead as 6.5 set Clask, Test Date of Set Set Clask (As lead as 6.5 set Cl	Product number	J8A10A	J8A11A	J8A12A	J8A13A		
Post repeated 1.1.3.1.3.1.2.3.2.3.3.3.3.3.3.3.3.3.3.3.	AIO functions	Print, copy, scan; AIO multitasking supported: Yes Print, copy, scan, fax; AIO multitasking supported: Yes					
Principle Canadiscipe. A 52 to 12 days a Security Black (the 12 haptin Canadiscipe) Principle Canadiscipe Canadis	Print						
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Standard op the language PRE 6. FM EX. 5. FM proteins placed a emulsion, name PPS priming in 17. July Behaviors Findures Print prospector (199) Print prospector		Laser; Print resolution technology: HP ImageRet 3600; 6	00 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); Pantone	© Calibrated			
Prietre man software Prietre m	Print cartridges number	4 (1 each black, cyan, magenta, yellow)					
Institutes of the process course of the processor course of the processor course of the processor of the pro		HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)					
Same State Section Sec	features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB					
Scan type Flathenick ARF. Technology. Oxyge Caulabed Device (CCII): Twelfir version 2.1 Scan from resolution 1. September 1.1 Se	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 resolution Herdware: Up 16 600 x 600 gb; Distick Up to 600 x 600 gb; Distick Up 16 600 pc; PEC, IFF, MIFF, 200 gb; PEC, PEF, MIFF, 200 gb; PEC,	Scan						
Digital Send PDE H-Compression PDE, PEG, TIFF, MITE, XPS, PDFA, Scan to seay access USB PDE, IFF, MITE, XPS, PDFA, TST (DCR), Sprends by Section MITE, XPS, PDFA, TST			CCD); Twain version: Version 2.1				
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Scan input modes Folder: Save to Disk, Save to Device Memory; Save to SharePoint, Open Extensibility Platform (DXP) applications: SharePoint, Open Extensibility Platform (DXP) applications: PS can be seen applications of the state of the	Scan file format			Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIF MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RFF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR),			
Scan speed** Up to 75 ppm f86wk, up to 75 ppm f86wk, up to 75 ppm f86wk, up to 80 ppm f86wk, up to 120 ppm f86wk, up to 120 ppm f86wk, up to 130 ppm f86w	Scan input modes	Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXP)	Front panel applications: Copy; E-mail; Fax; Save to Netv HP Scan or user application via TWAIN	twork Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (OXP) applications;			
Spin (Baw), up to 120 jpm (color) Letter; Up to 111 jpm (baw), up to 120 jpm (color) A4 Up to 327 jpm (color) A4 Up to	Scan Size	ADF: 8.5 x 34.0 in Maximum; 2.7 x 5.8 in Minimum; Flatbed: 8.5 x 14 in					
Scanner advanced features Opinitize durity future, Image departments, but obtain colority of page suppression Ft. Pt. Quick Sets; Pt. Pt. Pt. and offert clority. Ft. Mill. Bit depth / Grayscale levels 24-bit / 256 24-bit / 256 24-bit / 256 San to E-mail: Save-to-Network Folder; Save-to-USB drive; Send to Share-Point; Send to Pt. Py. Send to Internet Fax Local Address Book; SMT Power St.; Blank Page Removal: Edge Erase, Alto Color Sense, Put Colority Sense to Share-Point; Send to Pt. Share-Point; Send to Ft. Share-Point; Send to Pt. Sh	Scan speed ¹⁸	Up to 75 ppm (b&w), up to 75 ppm (color) Letter; Up to 6 ipm (b&w), up to 120 ipm (color) Letter; Up to 111 ipm (b	9 ppm (b&w), up to 69 ppm (color) A4; Duplex: Up to 120 s&w), up to 111 ipm (color) A4	Up to 90 ppm (b&w), up to 90 ppm (color) Letter; Up to 83 ppm (b&w), up to 83 ppm (color) A4; Duplex : Up to 18i ipm (b&w), up to 180 ipm (color) Letter; Up to 167 ipm (b&w), up to 167 ipm (color) A4			
Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to Sharepoint; Send to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to LAN Fax Gend to Sharepoint; Send to FTP, Send to Sharepoint;	Scanner advanced features	Opininze text/picture, miage adjustments, Job bolia, output quality setting, selectable scaling selectable scaling of object to obout distribute description. However, and object to obout distribute descriptions and object to object to object the selectable scaling selectable scaling selectable scaling and object to object to object the selectable scaling selectable scalin			nk page suppression; HP Quick Sets; HP EveryPage; Auto		
Digital sending standard features and the Sender to SharePoint; Send to Internet Factors and Sender Sender of SharePoint; Send to FTP; Send to Internet Factors And Content Compact PDP (Sender Sender	Bit depth / Grayscale levels	24-bit / 256					
Letter: Up to 50 cpm Black; Up to 50 cpm Black; Up to 47 cpm Black; Up to 500 x 600 dpi Maximum Number of Copies Copies settings Copies settings Copies determined sizes) Copy (different media sizes) Copy (different media sizes) Fax peed Fax resolution Black (best): Up to 330 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi Fax spart software features Black (best): Up to 300 x 300 dpi (400 x 400 dpi for received faxes sonly); Black (standard): 203 x 98 dpi Fax Features Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule Fax 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 Features Fax Features Stored faxes; Fax internet supported: No; Fax plone TAM/Interface supported: No; Fax		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	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.	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			
sided Letter: Up to 50 cpm Black; Up to 30 cpm Clor; 2-sided AR: Up to 47 cpm Black; Up to 60 x 600 dpi Copy resolution Black (text and graphics): Up to 600 x 600 dpi; Color (text and graphics): Up to 600 x 600 dpi Maximum Number of Copies Up to 999 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 Fax resolution Black (best): Up to 300 x 300 dpi (d000 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi Black (best): Up to 300 x 300 dpi (d000 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi Fax Features Stored faxes; Fax arching; Eax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule Fax memory: Up to 500 pages; Auto fax reduction supported; Yes; Auto-redialing; Yes; Fax delayed sending; No; Distinctive ring detection supported; No; Fax forwarding supported; Yes; Fax phone 7AM interface supported; Yes; Auto-redialing; Yes; Fax delayed sending; No; Distinctive ring detection supported; No; Maximum speed dalign mambers: Up to 1000 numbers (each with 210 destinations), PC Interface supported; No; Tax felephone mode supported; No; Telephone Tax felephone mode supported; No	Сору	4					
Maximum Number of Copies Up to 9999 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 Sax resolution Fax smart software features Fax speed Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule Fax memory: Up to 500 pages; Auto fax reduction supported: Ves; Auto-redialing; Ves; Fax delayed sending; No; Distinctive ring detection supported: No; Maximum speed dialing numbers: Up to 1000 numbers (each with 210 destinations), PC interface supported: Yes; Remote retrieval capability supported: No; Telephone Connectivity 1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 10 external accessible); 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax 11 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax 11 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax 11 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax 12 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 13 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 14 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 15 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 16 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit	Copy speed ¹⁵	Letter: Up to 50 cpm Black; Up to 50 cpm Color; A4: Up to sided Letter: Up to 50 cpm Black; Up to 50 cpm Color; 2-	o 47 cpm Black; Up to 47 cpm Color; First copy out Letter: A sided A4: Up to 47 cpm Black; Up to 47 cpm Color	is fast as 6.6 sec Black; As fast as 7.1 sec Color; First copy	out A4: As fast as 6.7 sec Black; As fast as 7.2 sec Color; 2-		
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 Fax resolution Fax smart software features Fax Feature	Copy resolution						
Copy (different media sizes)	Maximum Number of Copies						
Fax speed Up to 33.6 kbps / Letter3 sec per page 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 memory: Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); Black (standard): 203 x 98 dpi Fax memory: Up to 300 pages; Auto fax reduction supported; Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported; Yes; Fax polling supported: Yes; Spa polling supported: Yes; Spa polling supported: Yes; Spa polling supported: Yes; Spa polling supported: Yes; Remote retrieval capability supported: No; Tax forwarding numbers: Up to 1000 numbers (each with 210 destinations); PC interface supported: Yes; Remote retrieval capability supported: No; Tax forwarding numbers: Up to 1000 numbers (each with 210 destinations); PC interface supported: Yes; Remote retrieval capability supported: No; Tax forwarding numbers: Up to 1000 numbers (each with 210 destinations); PC interface supported: Yes; Remote retrieval capability supported: No; Tax forwarding numbers: Up to 1000 numbers (each with 210 destinations); PC interface supported: Yes; Remote retrieval capability supported: No; Tax forwarding numbers: Up to 1000 numbers (each with 210 destinations); PC interface supported: Yes; Remote retrieval capability supported: No; Tax forwarding numbers: Up to 1000 numbers (each with 210 destinations); PC interface supported: Yes; Remote retrieval capability supported: No; Tax forwarding numbers: Up to 1000 numbers (each with 210 destinations); PC interface supported: No; Tax forwarding numbers: Up to 1000 numbers (each with 210 destinations); PC interface supported: No; Tax forwarding numbers: Up to 1000 numbers (each with 210 destinations); PC interface supported: No; Tax forwarding numbers: Up to 1000 numbers (each with 210 destinations); PC interface su	Copier settings	Two-sided copying, scalability, image adjustments (darki Copy (different media sizes)	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-E				
Fax resolution 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 Stored faxes; Fax archiving; Fax forwarding; Scale to fit: Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule Fax memory: Up to 500 pages; Auto fax reduction supported. Yes; Auto-redialing: No; Distinctive ring detection supported: No; Fax polling supported: Yes; Remote retrieval capability supported: No; Tax polling supported: Yes; Remote retrieval capability supported: No; Telephone Tax Features Tax Tealures Tax Features Tax Tealures Ta	Fax						
Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule Fax Features Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule Fax memory: Up to 500 pages; Auto fax reduction supported; Yes; Auto-redialing; Yes; Fax delayed sending; No; Distinctive ring detection supported; No; Fax forwarding supported; Yes; Anders and Season and Sea	Fax speed	Up to:33.6 kbps / Letter:3 sec per page					
Fax Features Fax memory. Up to 500 pages; Auto fax reduction supported: Yes; Auto-redialing: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax forwarding supported: Yes; Fax phone TAM interface supported: No; Fax polling supported: Yes; fool to receive only); Fax telephone mode supported: No; Fax phone TAM interface supported: Yes; fool to receive only); Fax telephone mode supported: No; Telephone Tam interface supported: Yes; fool to receive only); Fax telephone mode supported: No; Telephone Tam interface supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring detection supported: No; Fax polling supported: Yes; Fax polling supported: Yes; Fax delayed sending: No; Distinctive ring delayed supported: Yes; Fax polling supported: Yes; Fax delayed sending: No; Fax telephone mode supported: Yes; Fax polling suppo	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 Features supported: Yes, [ax phone TAM interface supported: Yes, [poll to receive only]; Fax telephone mode supported: Yes; Junk barrier supported: Yes, Ammum speed dialing numbers: Up to 1000 numbers (each with 210 destinations); PC interface supported: Yes; Remote retrieval capability supported: No; Telephone This-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 101/100/1000T network; 1 Hardware Integration Pocket; 1 Fax 101/100/1000T network; 1 Hardware Integration Pocket; 1 Fax 10/100/1000T network; 1 Hardware Int	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				
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 Fax 10/100/100T network; 1 Hardware Integration Pocket Integration Pocket Integration Pocket Integrati	Fax Features		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				
1 external accessible): 1 Gigabit Ethernet 10/100/1000T network; 1 Hardware Integration Pocket; 1 Fax 10/100/1000T network; 1 Hardware Integration Pocket; 1 F	Connectivity	•					
(optional). Wireless capability Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A or HP Jetdirect 3000w NFC/Wireless Accessory J8030A Mobile printing capability HP ePrint; Apple AirPrint™, Mopria™-certified; Google Cloud Print 2.0 Memory Standard: 1.5 GB (printer); 512 MB (scanner); Maximum: 4 GB Processor speed 1.2 GHz / Storage ¹⁰ : 500 GB hard disk drive / Hard disk: Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)	Standard connectivity	1 external accessible); 1 Gigabit Ethernet	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 HP ePrint; Apple AirPrint**; Mopria**-certified; Google Cloud Print 2.0 Memory Standard: 1.5 GB (printer); 512 MB (scanner); Maximum: 4 GB Processor speed 1.2 GHz / Storage ¹⁰ : 500 GB hard disk drive / Hard disk: Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)	Network capabilities						
Memory Standard: 1.5 GB (printer); 512 MB (scanner); Maximum: 4 GB Standard: 1.5 GB (printer); 1 GB (scanner); Maximum: 4.5 GB Processor speed 1.2 GHz / Storage ¹⁰ : 500 GB hard disk drive / Hard disk: Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)	Wireless capability	Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A or HP Jetdirect 3000w NFC/Wireless Accessory J8030A					
Memory Standard: 1.5 GB (printer); 512 MB (scanner); Maximum: 4 GB Standard: 1.5 GB (printer); 1 GB (scanner); Maximum: 4.5 GB Processor speed 1.2 GHz / Storage ¹⁰ : 500 GB hard disk drive / Hard disk: Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)	Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Google Cloud Print 2.0					
Processor speed 1.2 GHz / Storage ¹⁰ : 500 GB hard disk drive / Hard disk: Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)		Standard: 1.5 GB (printer); 512 MB (scanner); Maximum: 4 GB Standard: 1.5 GB (printer); 1 GB (scanner); Maximum: 4.5 GB			5 GB		
		1.2 GHz / Storage ¹⁰ : 500 GB hard disk drive / Hard disk:	Standard, minimum 500 GB HP High-Performance Secure				
	Duty cycle (monthly)	Letter: Up to 100,000 pages; A4: Up to 100,000 pages; Recommended monthly page volume: 2000 to 14,000					

HP Color LaserJet Enterprise MFP M681 series

Model	HP Color LaserJet Enterprise MFP M681dh	HP Color LaserJet Enterprise MFP M681f	HP Color LaserJet Enterprise Flow MFP M681f	HP Color LaserJet Enterprise Flow MFP M681z		
Product number	J8A10A	J8A11A	J8A12A	J8A13A		
Paper handling						
Input	100-sheet multi-purpose tray, 550-sheet input tray 2, 150-sheet automatic document feeder; Up to 650 sheets Standard; MP Tray: Up to 10 envelopes (or 10mm stack height)	100-sheet multi-purpose tray, 550-sheet input trays 2, 3, 150-sheet automatic document feeder; Up to 1200 sheets Standard; MP Tray: Up to 10 envelopes (or 10mm stack height)	100-sheet multi-purpose tray, 550-sheet input tray 2, 150-sheet automatic document feeder; Up to 650 sheets Standard; MP Tray: Up to 10 envelopes (or 10mm stack height)	100-sheet multi-purpose tray, 550-sheet input trays 2, 3, 4, 5, 150-sheet automatic document feeder; Up to 2300 sheets Standard; MP Tray: Up to 10 envelopes (or 10mm stack height)		
Output	Standard: 500-sheet output tray, two-sided printing; Up	to 500 sheets Standard; Transparencies: Up to 200 sheets	Standard: 500-sheet output tray, two-sided printing; Up to 500 Sheets Standard; Transparencies: Up to 200 sheets	Standard: 500-sheet output tray, 500 sheet output stapler stacker, two-sided printing; Up to 1,000 sheets Standard; Transparencies: Up to 200 sheets		
Duplex Options	Automatic (standard)			1 1 1 1		
Auto document feeder capacity	Standard, 150 sheets					
Envelope feeder	No					
Standard paper trays	2	3	2	5		
Media types	Paper (plain, light, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rou opaque film, user-defined					
Media weight	Tray 1: 16 to 58 lb (plain) 32 to 58 lb (glossy); Tray 2: 16 to 90 lb (plain) 32 to 58 lb (glossy)	Tray 1: 16 to 58 lb (plain) 32 to 58 lb (glossy); Trays 2, 3: 16 to 90 lb (plain) 32 to 58 lb (glossy)	to 90 lb (plain) 32 to 58 lb (glossy)	Tray 1: 16 to 58 lb (plain) 32 to 58 lb (glossy); Trays 2, 3 4, 5: 16 to 90 lb (plain) 32 to 58 lb (glossy);		
Media sizes	Tray 1: letter, legal, executive, statement, Oficio, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, Oficio, 4 x 6 in, 5 x 7 in, 5 x 8 in; Optional 550-sheet trays: letter, legal, executive, statement, Oficio, 4 x 6 in, 5 x 7 in, 5 x 8 in; Optional 2,000-sheet high-capacity tray: letter, legal	Tray 1: letter, legal, executive, statement, Oficio, 3×5 in, 4×6 in, 5×7 in, 5×8 in, envelopes (No. 9, No. 10, Monarch); Trays 2, 3: letter, legal, executive, statement, Oficio, 4×6 in, 5×7 in, 5×8 in	Tray 1: letter, legal, executive, statement, Oficio, 3×5 in, 4×6 in, 5×7 in, 5×8 in, envelopes (No. 9, No. 10, Monarch); Tray 2: letter, legal, executive, statement, Oficio, 4×6 in, 5×7 in, 5×8 in; Optional 550-sheet trays: letter, legal, executive, statement, Oficio, 4×6 in, 5×8 in; Optional 2,000-sheet high-capacity tray: letter, legal	Tray 1: letter, legal, executive, statement, Oficio, 3×5 in 4×6 in, 5×7 in, 5×8 in, envelopes (No. 9, No. 10, Monarch); Trays 2, 3, 4, 5: letter, legal, executive, statement, Oficio, 4×6 in, 5×7 in, 5×8 in		
Media Sizes Custom	Tray 1: 3×5 to 8.5×14 in; Tray 2: 4×5.83 to 8.5×14 in; Optional 550-sheet trays: 4×5.83 to 8.5×14 in; Optional 2000-sheet high-capacity tray: custom sizes not supported in this tray	Tray 1: 3 x 5 to 8.5 x 14 in; Trays 2, 3: 4 x 5.83 to 8.5 x 14 in	Tray 1: 3×5 to 8.5×14 in; Tray 2: 4×5.83 to 8.5×14 in Optional 550-sheet trays: 4×5.83 to 8.5×14 in; Optional 2000-sheet high-capacity tray: custom sizes not supported in this tray	Tray 1: 3 x 5 to 8.5 x 14 in; Trays 2, 3, 4, 5: 4 x 5.83 to 8.5 x 14 in		
Dimensions ($w \times d \times h$)	20.08 x 21.85 x 25.91 in; 510 x 555 x 658 mm; Maximum: 37.91 x 30.31 x 35.83 in; 963 x 770 x 910 mm	25.87 x 25.87 x 43.62 in; 657 x 657 x 1108 mm; Maximum: 39.06 x 37.32 x 53.54 in; 992 x 948 x 1360 mm	20.08 x 21.85 x 25.91 in; 510 x 555 x 658 mm; Maximum: 37.91 x 30.31 x 35.83 in; 963 x 770 x 910 mm	25.87 x 25.87 x 50.00 in; 657 x 657 x 1270 mm; Maximum: 39.06 x 38.07 x 60.20 in; 992 x 967 x 1529 mm		
Weight ⁴	93.2 lb; 42.3 kg	135.4 lb; 61.5 kg	94.4 lb; 42.8 kg	168.1 lb; 76.3 kg		
What's in the box ²	HP Color LaserJet Multifunction Printer; HP Black Original LaserJet Toner Cartridge (~12,500 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~10,500 yield each) (toner cartridges installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord					
Replacement cartridges ⁸	HP 655A Black Original LaserJet Toner Cartridge (~12,500 yield) CF450A; HP 657X High Yield Black Original LaserJet Toner Cartridge (~28,000 yield) CF470X; HP 655A Cyan Original LaserJet Toner Cartridge (~10,500 yield) CF471X; HP 655A Vellow Original LaserJet Toner Cartridge (~27,000 yield) CF471X; HP 655A Wagenta Original LaserJet Toner Cartridge (~23,000 yield) CF471X; HP 655A Magenta Original LaserJet Toner Cartridge (~23,000 yield) CF473X (~23,000 yiel					
Warranty features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://hp.com/support to learn about HP award winning service and support options in your region.					
Energy star certified	Yes					
Energy efficiency compliance ¹	ENERGY STAR® qualified; CECP; EPEAT® Silver			ENERGY STAR® qualified; CECP; EPEAT® Silver; EPEAT® Gold (Options AAZ; 201)		
Control panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touch: 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); Pull-out Keyboard			
Display Software included		screen; rotating (adjustable angle) display; illuminated Hom	•			
Fonts and typefaces	HP Connected, HP Device Experience (DXP), HP PCL 6 (XPS) Printer Driver, HP Software Installer/Uninstaller, Mac OS Welcome Screen (Directs users to 123.HP.com or 05 App Source for printer software), Online user manuals 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); 2 dditional 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, 7.9, 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 Butnut (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 (sexuluding RT OS for Tablets), Windows Y 10.13 El Capitan, UNIX, Windows X 10.13 El Ca					
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 4.0/14, S. Citrix XenApp 5.0 (Plus Feature Pack 2 8 3) 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 6.0/6.5/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenApp 6.0/6.5/7.0/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenDestop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenDestop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenDestop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenDestop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenDestop 5.6/7.0/7.5 (for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit), Citrix XenDestop 5.6/6-bit, Citrix XenDestop 5.6/6-b					
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 ⁶	Power supply type: Built in 115V or 220 V Power Supply (not dual voltage, power supply varies by part number with option code identifier); Power supply required: input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/-3H2), 62, Power consumption; 900 watts (printing/copying), 47 watts (ready), 0.9 watts (sleep), 0.9 watts (Auto Off/Manual Onl), 0.1 (Manual Onl); Typical electricity consumption (TEC) number: 2.68 kMh/Week (Blue Angel); 0.672 kMh/Week (Brue) Star 3.0); Best technical electricity consumption (TEC): 2.24 kWh/Week					
Acoustics	Acoustic power emissions: 6.6 8(A)					
Operating environment	Operating temperature range: 59 to 86°F; Recommended operating temperature: 63.5 to 77°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: Psec/firewall with Certificate; Pre-Shared Key; and Kerberos authentication: Supports WhA - 10 Psec configuration Plag-ins 802. IX authentication: HPA-PEAP-FLTS: NSMPQ-3; HTTPS: Certificates; Access Control List; Data: Storage Encryption: Fncrypted PDF & Email Uses FPS 140 validated cyptographic libraries from Microsoft); Secure Erase; SSI/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: Compabile with HP JetAdvantage Security Manager, Device Security Sysiog Messages processed and accessable in Arcsight and Splunk SIEMs					

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¹ EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.

² Cartridges included; yields 10,500 color (C/V/M) and 12,500 black pages. 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.

Pages may vary based on customer printing conditions and usage.

Pages may vary based on customer printing conditions and usage.

3 With print cartridges

4 With print cartridges

5 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.

6 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 115V device.

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

8 Average color composite (C/M/Y) and black dectary ligids based on in SO/IEC 1979 Sa and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies

9 Dectared yield value in accordance with ISO/IEC 1975 Za. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies

10 High-Performance Secure Hard Disk (AES 256 hardware encryption or greater). Secure erase capabilities (Secure File Erase-Temporary Job Files, Secure Erase-Job Data, Secure ATA Erase-Disk)

11 Measured using ISO/IEC 4734, 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.

12 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.

13 Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application and document complexity.

14 Measured after 15 min in sleep. Exact speed varies depending on the system configura

depending on the system configuration, software application and document complexity.

16 First Copy Out from Ready measured using ISO/IEC 29183, 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