



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

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.



HP Color LaserJet Enterprise MFP M681f

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.⁷
- This MFP uses exceptionally low amounts of energy thanks to its innovative design and toner technology.⁹
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes 4 x 6" to legal.



HP Color LaserJet Enterprise Flow MFP M681f

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-yield toner cartridges.⁵



HP Color LaserJet Enterprise Flow MFP M681z

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 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 hp.com/go/learnaboutsupplies

³ HP 657X High Yield Original LaserJet 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.

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		√	
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 HCl 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 M681z 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/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.

⁷ Wi-Fi Direct 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 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[®].

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 hp.com/go/businessmobileprinting.

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 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

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.¹

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 ipm⁶—and avoid extra steps with a Flow MFP designed for maximum productivity.

Accessories

2MU47A	HP Accessibility Assistant
2TD64A	HP Accessibility Kit
A7W13A	HP LaserJet Keyboard Overlay Kit-Danish/French-Switzerland/German-Switzerland
B5L28A	HP Internal USB Ports
B5L29A	HP High-Performance Secure Hard Disk
B5L31A	HP Foreign Interface Harness
E5K48A	HP 1 GB x32 144-pin (800 MHz)DDR3 SODIMM
F5562A	HP Trusted Platform Module Accessory
J8030A	HP Jetdirect 3000w NFC/Wireless Accessory
J8031A	HP Jetdirect 2900nw Print Server

Supplies

CF450A	HP 655A Black Original LaserJet Toner Cartridge (12,500 pages)
CF451A	HP 655A Cyan Original LaserJet Toner Cartridge (10,500 pages)
CF452A	HP 655A Yellow Original LaserJet Toner Cartridge (10,500 pages)
CF453A	HP 655A Magenta Original LaserJet Toner Cartridge (10,500 pages)
CF470X	HP 657X High Yield Black Original LaserJet Toner Cartridge (28,000 pages)
CF471X	HP 657X High Yield Cyan Original LaserJet Toner Cartridge (23,000 pages)
CF472X	HP 657X High Yield Yellow Original LaserJet Toner Cartridge (23,000 pages)
CF473X	HP 657X High Yield Magenta Original LaserJet Toner Cartridge (23,000 pages)
P1B94A	HP LaserJet Toner Collection Unit (Up to 100,000 pages)

Services

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 4y 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 3y 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 CLJEntMFP M68xHWSupp
U9NW9E	- HP4yNbd+max4MaintKit CLJEntMFP M68xHWSupp
U9NX0E	- HP5yNbd+max5MaintKit CLJEntMFP M68xHWSupp
U9NX1PE	- HP 1y PW Nbd+DMR CLJ Ent MFP M68x HWSupp
U9NX2PE	- HP1yPW ChnlParts CLJ Ent MFP M68x SVC
U9NY0PE	- HP2yPW ChnlParts CLJ Ent MFP M68x SVC



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Product number	JBA10A	JBA11A	JBA12A	JBA13A
AIO functions	Print, copy, scan; AIO multitasking supported: Yes	Print, copy, scan, fax; AIO multitasking supported: Yes		
Print				
Print speed ^{11, 13,14, 12}	First page out Letter: As fast as 6.4 sec Black; As fast as 6.4 sec Color; First page out A4: As fast as 6.5 sec Black; As fast as 6.5 sec Color; Letter: Up to 50 ppm Black; Up to 50 ppm Color; A4: Up to 47 ppm Black; Up to 47 ppm Color; Print speed (Landscape, A5): Up to 74 ppm Black; Up to 74 ppm Color			
Print resolution	Black (best) Up to 1200 x 1200 dpi; Black (normal) Up to 600 x 600 dpi; Black (fine lines) Up to 1200 x 1200 dpi Color (best): Up to 1200 x 1200 dpi; Color (normal): Up to 600 x 600 dpi; Color (fine lines): Up to 1200 x 1200 dpi			
Print technology	Laser; Print resolution technology: HP ImageRet 3600; 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); Pantone® Calibrated			
Print cartridges number	4 (1 each black, cyan, magenta, yellow)			
Standard print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (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); Twain version: Version 2.1			
Scan resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 dpi			
Scan file format	Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A; Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)		Digital Send: PDF, Hi-Compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (OCR), Unicode TEXT (OCR), RTF (OCR), Searchable PDF (OCR), Searchable PDF/A (OCR), HTML (OCR), CSV (OCR); Print from easy access USB: PDF, PS, Print Ready files (.prn, .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	Front panel applications: Copy; E-mail; Fax; 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 ¹⁸	Up to 75 ppm (b&w), up to 75 ppm (color) Letter; Up to 69 ppm (b&w), up to 69 ppm (color) A4; Duplex: Up to 120 ipm (b&w), up to 120 ipm (color) Letter; Up to 111 ipm (b&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 180 ipm (b&w), up to 180 ipm (color) Letter; Up to 167 ipm (b&w), up to 167 ipm (color) A4		
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; 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; HP EveryPage; Auto orientation; Embedded Optical Character Recognition (OCR), Auto crop to page; Auto-tone; PDF, JPG, TIF, MTIF	
Bit depth / Grayscale levels	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 Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF	Scan to E-mail; Save-to-Network Folder; Save-to-USB drive; Send to SharePoint; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL; Blank Page Removal; Edge Erase; Auto Color Sense; Auto Crop To Content; Compact PDF	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	
Copy				
Copy speed ¹⁵	Letter: Up to 50 cpm Black; Up to 50 cpm Color; A4: Up to 47 cpm Black; Up to 47 cpm Color; First copy out Letter: As 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-sided Letter: Up to 50 cpm Black; Up to 50 cpm Color; 2-sided A4: Up to 47 cpm Black; Up to 47 cpm Color			
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 9999			
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	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 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 (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		
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); 802.11 a/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			
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		Standard: 1.5 GB (printer); 1 GB (scanner); Maximum: 4.5 GB	
Processor speed	1.2 GHz / Storage ¹⁹ : 500 GB hard disk drive / Hard disk: Standard, minimum 500 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)			
Duty cycle (monthly)	Letter: Up to 100,000 pages; A4: Up to 100,000 pages; Recommended monthly page volume: 2000 to 14,000			

