HP Color LaserJet Enterprise Flow MFP M682z



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.

Print speed:Letter: Up to 60 ppm black; Up to 60 ppm color⁴ **Print Resolution:**Black (best): Up to 1200 x 1200 dpi; Color (best): Up to 1200 x 1200 dpi

Print Resolution Technologies:HP ImageRet 3600; 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); Pantone© Calibrated

Standard Connectivity1 Hi-Speed Device USB 2.0; 2 Host USB; 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

Standar Memory:Standard: 1.5 GB (printer); 1 GB (scanner); Maximum: 3 GB

Mobile Printing Capability:HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Bluetooth Low Energy; Google Cloud Print 2.0

Paper Handling:100-sheet multi-purpose tray, 550-sheet input trays 2, 3, 2,000-sheet high capacity input tray 4, 150-sheet ADF; 500-sheet output tray, 500-sheet output stapler stacker, two-sided printing

Display:8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu)















The world's most secure printing

- 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.³
- 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; duplex scan speeds up to 180 ipm. Scan to SharePoint and more.8
- This MFP wakes up fast and prints your first page faster—in as quickly as 12.5 seconds.9
- 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 Protections

- 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.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.

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/printerscurity. Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity. ³ HP Web Jetadmin is available for download at no additional charge at 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 IHP 6537 High Yield Color Original LaserJet Toner Cartridges with HP 657X High Yield Color Original LaserJet Toner Cartridges he pp.com/go/learnaboutsupplies 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. ⁷ HP 657X High Yield Original LaserJet Toner Cartridges not included; please purchase separately. ⁸ Can 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.

⁹ Measured after 15 min in sleep. Exact speed varies depending on the system conflicuration, software application, driver, document complexity and time in sleep.

HP Color LaserJet Enterprise Flow MFP M682z Specifications Table

Functions / Multitasking Supported	Print, copy, scan, fax / Yes	Paper Handling	100-sheet multi-purpose tray, 550-sheet input trays 2, 3, 2,000-sheet high capacity input tray 4,
Print Speed	$ \textbf{Letter} : \textbf{Up to 60 ppm black}; \textbf{Up to 60 ppm color}^{10} \textbf{First Page Out}. \textbf{ As fast as 5.7 sec black}; \textbf{As fast as 5.7 sec color}^{12} $		150-sheet automatic document feeder; 500-sheet output tray, 500-sheet output stapler stacker, two-sided printing; Duplex Options Automatic (standard); Auto Document Feeder Capacity : Standard, 150 sheets; Envelope Feeder : No; Standard Paper Trays : 4; Input Capacities : Up to 3200 sheets; Outpu Capacities : Up to 1,000 sheets; Up to 85 envelopes; Up to 200 sheets
Print Resolution	Black (best) : Up to 1200 x 1200 dpi; Color (best) : Up to 1200 x 1200 dpi	What's in the box	J8A17A HP Color Laser Jet Multifunction Printer; HP Black Original Laser Jet Toner Cartridge (~12,500
Print Technology	Laser		yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~10,500 yield each) (toner
Print Resolution Technologies	HP ImageRet 3600; 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); Pantone© Calibrated		cartridges installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord ²
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Replacement Cartridges	HP 655A Black Original LaserJet Toner Cartridge (~12,500 yield) CF450A; HP 657X High Yield Black
Standard Print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)		Original LaserJet Toner Cartridge (~28,000 yield) CF470X; HP 655A Cyan Original LaserJet Toner
Printer Smart Software Features Printer Management	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB		Cartridge (~10,500 yield) CF451A; HP 657X High Yield (yan Original LaserJet Toner Cartridge (~23,000 yield) CF471X; HP 655A Yellow Original LaserJet Toner Cartridge (~10,500 yield) CF452A; HP 657X Hig Yield Yellow Original LaserJet Toner Cartridge (~23,000 yield) CF472X; HP 655A Magenta Original
	HP JetAdvantage Security Manager; HP SMMP Proxy Agent; HP Web JetAdmin Software; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver		Laser Jet Toner Cartridge (~10,500 yield) CF453A; HP 657X High Yield Magenta Original Laser Jet Toner Cartridge (~23,000 yield) CF473X ⁷
Scan Type / Technology	Flatbed, ADF / Charge Coupled Device (CCD)	Product Dimensions	W x D x H : 25.87 x 25.87 x 50.00 in; Maximum : 39.06 x 38.07 x 60.20 in
Scan Resolution Scan File Format	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 dpi	Product Weight	168.1 lb ⁴
Scan rite romat	Digital Send: PDF, Ht-Compression PDF, IPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (DCR), Unicode TEXT (DCR), RTF (DCR), Searchable PDF (OCR), Searchable PDF/A (DCR), HTML (DCR), CSV (DCR); Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, TEXT (DCR), Unicode TEXT (DCR), RTF (DCR), Searchable PDF (DCR), Searchable PDF (DCR), HTML (DCR), CSV (DCR); Print from easy access USB: PDF, PS, Print	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 an support options in your region.
Cons Innuit Mades	Ready files (.prn, .pcl, .cht)	Energy Efficiency Compliance	ENERGY STAR® qualified; Blue Angel; CECP; EPEAT® Silver
Scan Input Modes	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	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
Scan Size	ADF : 8.5 x 34.0 in Maximum; 2.7 x 5.8 in Minimum; Flatbed : 8.75 x 14.38 in	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)
Scan Speed	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) ¹⁸ Duplex : Up to 180 ipm (b&w), up to 180 ipm (color)	Software Included	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 OS App Source for printe
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	Fonts and Typefaces	software), Online user manuals 105 Internal True Type fonts scalable in HP PCL, 92 Internal scalable fonts in HP Postscript level 3 aemulation (Euro symbol built-in); 1 Internal Unicode Fonts (Andale Mono WorldType); 2 Internal Windows Vista 8 Fonts (Calibir, Cambria); additional font solutions available via third-party flash
Native Scan File Format	PDF, JPG, TIF, MTIF	Compatible Operating Customs	memory cards; HP Laser Jet Fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts
Bit depth / Grayscale levels	24-bit / 256	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
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		(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 Sierra, OS X 10.10 Yosemite, OS X 10.11 Et Capitan, UNIX, Windows 10 all 32-8.64-blt editions (excluding RT OS for Tablets), Windows 7 all 32-8.64-bit editions, Windows 8/81. all 32-8.64-bit editions, Windows 8/81. all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (VP Dme, XP Pro, etc.)
Copy Speed	Black (letter): Up to 60 cpm; Color (letter): Up to 60 cpm ¹⁴	Compatible Network Operating	Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1
Copy Resolution	Black (text and graphics): Up to 600×600 dpi; Up to 600×600 dpi; Color (text and graphics): Up to 600×600 dpi	Systems	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 (Pt. Feature Pack 2 & 3) for Windows Server 2008 Terminal Services 32- and 6-bit, Citrix XenApp 6.0/6.5
Maximum Number Of Copies	Up to 9999		[for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenApp 6.0/6.5/7.5 [for
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)		Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenApp 7.5 [for Windows Server 2012 and 2012 R2 Terminal Services, 45-bit], Citrix XenDesktp 5.6 [for Windows Server 2008 R2 Terminal Services, 32- and 64-bit], Citrix XenDesktp 5.6/1.0/T.5 [for Windows Server 2008 R2 SP1 Terminal Services, 32- and 64-bit], Citrix XenDesktp 7.0/T.5 [for Windows Server 2012 and 2012 R2
Fax Speed	Up to : 33.6 kbps; Letter : 3 sec per page ¹⁷		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, Nove
Fax Resolution	Black (best) : Up to 300×300 dpi $(400 \times 400$ dpi for received faxes only); Black (standard) : 203×98 dpi		Servers www.novell.com/iprint), Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2)
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/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2), Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-(54-bit (SP2 Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1)
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; (Goll 1to receive only); Fax Telephone Mode Supported: No; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 1000 numbers	Minimum System Requirements	Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/54-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/201 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services) PC: 2 GB available hard disk space; 05 hardware requirements see microsoft.com; MAC 1.3 GB available
	(each with 210 destinations); PC Interface Supported: Yes; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No		hard drive space; Internet; OS hardware requirements see Apple.com for more info
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; 1 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy	Power	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 Requirements: Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/-3Hz), 12 A; Input voltage: 220 V to 240V nominal, (+/-10%), 50 - 60Hz nominal (+/-3Hz), 6A; Power Consumption: 900 watts (printing/copying), 47 watts (ready), 0.9
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; IP-sec (standard); 802.11a/b/g/n		watts (sleep), 0.9 watts (Auto Off/Manual On), 0.1 (Manual Off) ⁵ . Typical Electricity Consumption (TEC) number: ES: 2.72 kWh/Week; BA: 2.68 kWh/WeekS; Blue Angel (Sleep mode): 0.73 Watts ⁶
Network Ready	wireless networking (standard).	Acoustics	Acoustic Power Emissions: 6.8 B(A); Acoustic Pressure Emissions: 53 dB(A)
Wireless Capability	Standard (built-in Gigabit Ethernet); Included Wi-Fi Direct and Bluetooth low energy Ves, Built-in Wi-Fi Direct, Bluetooth low energy (BLE); Optional, enabled with purchase of HP Jetdirect	Operating Environment	Operating Temperature Range. 59 to 86%; Recommended Operating Temperature. 63.5 to 77%; Storage Temperature Range4 to 104%; Non-Operating Humidity Range. 10 to 90% RH; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range. 30 to 70% RH
Mobile Printing Capability	2900nw Print Server 18031A HP ePrint; Apple AirPrint [™] ; Mopria™-certified; Wireless Direct Printing; Bluetooth Low Energy; Google Cloud Print 2.0	Security Management	Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HI and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with
Memory	Standard: 1.5 GB (printer); 1 GB (scanner); Maximum: 3 GB		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:
Processor Speed	1.2 GHz / Hard disk: Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)	Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated crypto; Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: So	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
Duty Cycle	Monthly, letter: Up to 120,000 pages		Security Technology - Constant in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity
Recommended Monthly Page Volume	2000 to 17,000		Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs,); Security management: Compatible with HP JetAdvantage Security Manager, Device Security Syslog
Media Types Supported	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,	Messages processed and accessable in Arcsight and Splunk SIEMs Accessories HP Jetdirect 2900nw Print Server J8031A, HP Trusted Platform Module Accessory FSS62A, HP Intern	
Media Weight Supported	prepunched, colored, rough, opaque film, user-defined 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); Tray 4: 16 to 58 lb (plain)		USB Ports BSL28A, HP Foreign Interface Harness BSL31A, HP 1GB DDR3 x32 144-Pin 800MHz SODIM E5K48A, HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese A7W12A, HP LaserJet Swedish Overlay Keyboard A7W14A, HP Staple Cartridge Refill J8J96A
Media Sizes Supported	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 4: letter, legal	HP Service and Support Options	U9NP3E - HP 3 year NBD Service w/Defective Media Retention for Color Laser Jet Enterprise MFP M68x; U9NP6E - HP 3 year A hour 9x5 Service w/Defective Media Retention for Color Laser Jet Enterprise MFP M68x; U9NX1PE - HP 1 year Post Wty NBD Service w/Defective Media Retention for Color Laser Jet Enterprise MFP M68x; U9NX19E - HP 1 year Post Warranty 4 hour 9x5 Service w/DMR for Color Laser Jet
Media Sizes Custom	Tray 1: 3×5 to 8.5×14 in; Trays 2, $3:4\times5.83$ to 8.5×14 in; Optional 2000-sheet tray: custom sizes not supported in this tray	Learn more at	Enterprise MFP M68x
		Learn more at	

Learn more at hp.com

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/Y/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. 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 typicallty based on measurement of 115V device. ⁶ Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. ⁷ Average color composite (C/M/Y) and black declared yield sbased 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. ⁸ Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, with http://www.hp.com/go/learnaboutsupplies. ⁸ Pole-learnaboutsupplies. ⁸ Pole-lear

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