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.[1]

Print speed: Letter: Up to 60 ppm black; Up to 60 ppm color[4]
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 Connectivity 1 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[1]

- 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.[6]
- Paper handling options include a wheeled stand and 550-sheet input feeder for paper sizes 4 x 6" to legal .

More Pages, Performance, and Protection[5]

- 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.[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.

HP Color LaserJet Enterprise Flow MFP M682z Specifications Table

Functions / Multitasking Supported	Print, copy, scan, fax / Yes
Print Speed	**Letter**: Up to 60 ppm black; Up to 60 ppm color[10] **First Page Out**: As fast as 5.7 sec black; As fast as 5.7 sec color[12]
Print Resolution	**Black (best)**: Up to 1200 x 1200 dpi; **Color (best)**: Up to 1200 x 1200 dpi
Print Technology	Laser
Print Resolution Technologies	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 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	Flatbed, ADF / Charge Coupled Device (CCD)
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, 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; 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**: 8.75 x 14.38 in
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)
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
Native Scan File Format	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 LAN Fax; Send to Internet Fax; Local Address Book; Work-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 Speed	**Black (letter)**: Up to 60 cpm; **Color (letter)**: Up to 60 cpm[14]
Copy Resolution	**Black (text and graphics)**: Up to 600 x 600 dpi; 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 Speed	Up to: 33.6 kbps; **Letter**: 3 sec per page[17]
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**: Yes; **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 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 (standard)
Network Ready	Standard (built-in Gigabit Ethernet); Included Wi-Fi Direct and Bluetooth low energy
Wireless Capability	Yes, Built-in Wi-Fi Direct, Bluetooth low energy (BLE); Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A
Mobile Printing Capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Bluetooth Low Energy; Google Cloud Print 2.0
Memory	**Standard**: 1.5 GB (printer); 1 GB (scanner); **Maximum**: 3 GB
Processor Speed	1.2 GHz / **Hard disk**: Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)
Duty Cycle	**Monthly, letter**: Up to 120,000 pages
Recommended Monthly Page Volume	2000 to 17,000
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, prepunched, colored, rough, opaque film, user-defined
Media Weight Supported	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)
Media Sizes Supported	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); Trays 2, 3: letter, legal, executive, statement, Oficio, 4 x 6 in, 5 x 7 in, 5 x 8 in; Tray 4: letter, legal
Media Sizes Custom	Tray 1: 3 x 5 to 8.5 x 14 in; Trays 2, 3: 4 x 5.83 to 8.5 x 14 in; Optional 2000-sheet tray: custom sizes not supported in this tray

Paper Handling	100-sheet multi-purpose tray, 550-sheet input trays 2, 3, 2,000-sheet high capacity input tray 4, 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; **Output Capacities**: Up to 1,000 sheets; Up to 85 envelopes; Up to 200 sheets
What's in the box	**J8A17A** 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[2]
Replacement Cartridges	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) CF451A; HP 657X High Yield Cyan Original LaserJet Toner Cartridge (~23,000 yield) CF471X; HP 655A Yellow Original LaserJet Toner Cartridge (~10,500 yield) CF452A; HP 657X High Yield Yellow Original LaserJet Toner Cartridge (~23,000 yield) CF472X; HP 655A Magenta Original LaserJet Toner Cartridge (~10,500 yield) CF453A; HP 657X High Yield Magenta Original LaserJet Toner Cartridge (~23,000 yield) CF473X[7]
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
Product Weight	168.1 lb[4]
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 Efficiency Compliance	ENERGY STAR® qualified; Blue Angel; CECP; EPEAT® Silver
Control Panel	8.0-in (20.3 cm) Color Graphics Display (CGD) with touchscreen; rotating (adjustable angle) display; illuminated Home button (for quick return to the Home menu); Extended Keyboard
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 (XPS) 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)
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	**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), 6 A; **Power Consumption**: 900 watts (printing/copying), 47 watts (ready), 0.9 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/Week[5]; **Blue Angel (Sleep mode)**: 0.73 Watts[6]
Acoustics	**Acoustic Power Emissions**: 6.8 B(A); **Acoustic Pressure Emissions**: 53 dB(A)
Operating Environment	**Operating Temperature Range**: 59 to 86ºF; **Recommended Operating Temperature**: 63.5 to 77ºF; **Storage Temperature Range**: -4 to 104ºF; **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
Accessories	HP Jetdirect 2900nw Print Server J8031A, HP Trusted Platform Module Accessory F5S62A, HP Internal USB Ports B5L28A, HP Foreign Interface Harness B5L31A, HP 1GB DDR3 x32 144-Pin 800MHz SODIMM E5K48A, HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese A7W12A, HP LaserJet Swedish Overlay Keyboard A7W14A, HP Staple Cartridge Refill J8J96A
HP Service and Support Options	U9NP3E - HP 3 year NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x; U9NP6E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x; U9NX1PE - HP 1 year Post Wty NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x; U9NX3PE - HP 1 year Post Warranty 4 hour 9x5 Service w/DMR for Color LaserJet Enterprise MFP M68x

Learn more at
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