



# HP Color LaserJet Enterprise Flow MFP M682z Specifications Table

<b>Functions / Multitasking Supported</b>	Print, copy, scan, fax / Yes
<b>Print Speed</b>	<b>Letter:</b> Up to 60 ppm black; Up to 60 ppm color <sup>1</sup> <b>First Page Out:</b> As fast as 5.7 sec black; As fast as 5.7 sec color <sup>1,2</sup>
<b>Print Resolution</b>	<b>Black (best):</b> Up to 1200 x 1200 dpi; <b>Color (best):</b> Up to 1200 x 1200 dpi
<b>Print Technology</b>	Laser
<b>Print Resolution Technologies</b>	HP ImageRet 3600; 600 x 600 dpi; HP ProRes 1200 (1200 x 1200 dpi); Pantone® Calibrated
<b>Print Cartridges Number</b>	4 (1 each black, cyan, magenta, yellow)
<b>Standard Print languages</b>	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)
<b>Printer Smart Software Features</b>	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB
<b>Printer Management</b>	HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP Web JetAdmin Software; HP WS Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver
<b>Scan Type / Technology</b>	Flatbed, ADF / Charge Coupled Device (CCD)
<b>Scan Resolution</b>	<b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi
<b>Scan File Format</b>	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)
<b>Scan Input Modes</b>	Front panel applications: Copy; E-mail; Fax; Save to Network Folder; Save to USB; Save to Device Memory; Save to SharePoint; Open Extensibility Platform (XP) applications; HP Scan or user application via TWAIN
<b>Scan Size</b>	<b>ADF:</b> 8.5 x 34.0 in Maximum; 2.7 x 5.8 in Minimum; <b>Flatbed:</b> 8.75 x 14.38 in
<b>Scan Speed</b>	Up to 90 ppm/180 ipm (b&w), up to 90 ppm/180 ipm (color) <sup>16</sup> <b>Duplex:</b> Up to 180 ipm (b&w), up to 180 ipm (color)
<b>Scanner Advanced Features</b>	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 EversPage; Auto orientation; Embedded Optical Character Recognition (OCR), Auto crop to page; Auto-tone
<b>Native Scan File Format</b>	PDF, JPG, TIFF, MTIF
<b>Bit depth / Grayscale levels</b>	24-bit / 256
<b>Digital Sending Standard Features</b>	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 Timescale; Auto Orientation; Multi-Pick Detect; Auto Straighten; Auto Color; OCR
<b>Copy Speed</b>	<b>Black (letter):</b> Up to 60 cpm; <b>Color (letter):</b> Up to 60 cpm <sup>14</sup>
<b>Copy Resolution</b>	<b>Black (text and graphics):</b> Up to 600 x 600 dpi; Up to 600 x 600 dpi; <b>Color (text and graphics):</b> Up to 600 x 600 dpi
<b>Maximum Number Of Copies</b>	Up to 9999
<b>Copier Settings</b>	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)
<b>Fax Speed</b>	<b>Up to:</b> 33.6 kbps; <b>Letter:</b> 3 sec per page <sup>17</sup>
<b>Fax Resolution</b>	<b>Black (best):</b> Up to 300 x 300 dpi (400 x 400 dpi for received faxes only); <b>Black (standard):</b> 203 x 98 dpi
<b>Fax Smart Software Features</b>	Stored faxes; Fax archiving; Fax forwarding; Scale to fit; Fax address book; LAN/Internet fax; Fax number confirmation; Holiday fax schedule
<b>Fax Features</b>	<b>Fax Memory:</b> Up to 500 pages; <b>Auto Fax Reduction Supported:</b> Yes; <b>Auto-Redialing:</b> Yes; <b>Fax Delayed Sending:</b> No; <b>Distinctive Ring Detection Supported:</b> No; <b>Fax Forwarding Supported:</b> Yes; <b>Fax Phone TAM Interface Supported:</b> No; <b>Fax Polling Supported:</b> Yes (poll to receive only); <b>Fax Telephone Mode Supported:</b> No; <b>Junk Barrier Supported:</b> Yes; <b>Maximum Speed Dialing Numbers:</b> Up to 1000 numbers (each with 210 destinations); <b>PC Interface Supported:</b> Yes; <b>Remote Retrieval Capability Supported:</b> No; <b>Telephone Handset Supported:</b> No
<b>Standard Connectivity</b>	1 Hi-Speed Device USB 2.0; 2 Host USB (1 walk-up and 1 external accessible); 1 Gigabit Ethernet 10/100/1000 network; 1 Hardware Integration Pocket; 1 Fax; 1 1 Wi-Fi direct 802.11b/g/n; 1 Bluetooth low energy
<b>Network Capabilities</b>	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).
<b>Network Ready</b>	Standard (built-in Gigabit Ethernet); Included Wi-Fi Direct and Bluetooth low energy
<b>Wireless Capability</b>	Yes, built-in Wi-Fi Direct, Bluetooth low energy (BLE); Optional, enabled with purchase of HP Jetdirect 2900nw Print Server J8031A
<b>Mobile Printing Capability</b>	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Bluetooth Low Energy; Google Cloud Print 2.0
<b>Memory</b>	<b>Standard:</b> 1.5 GB (printer); 1 GB (scanner); <b>Maximum:</b> 3 GB
<b>Processor Speed</b>	1.2 GHz / <b>Hard disk:</b> Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)
<b>Duty Cycle</b>	<b>Monthly, letter:</b> Up to 120,000 pages
<b>Recommended Monthly Page Volume</b>	2000 to 17,000
<b>Media Types Supported</b>	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
<b>Media Weight Supported</b>	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)
<b>Media Sizes Supported</b>	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
<b>Media Sizes Custom</b>	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
<b>Paper Handling</b>	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; <b>Duplex Options:</b> Automatic (standard); <b>Auto Document Feeder Capacity:</b> Standard, 150 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 4; <b>Input Capacities:</b> Up to 3200 sheets; <b>Output Capacities:</b> Up to 1,000 sheets; Up to 85 envelopes; Up to 200 sheets
<b>What's in the box</b>	<b>J8A17A</b> 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); <sup>2</sup> CD with software drivers and documentation; Documentation (Hardware Install Guide); Power cord <sup>2</sup>
<b>Replacement Cartridges</b>	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 <sup>7</sup>
<b>Product Dimensions</b>	<b>W x D x H:</b> 25.87 x 25.87 x 50.00 in; <b>Maximum:</b> 39.06 x 38.07 x 60.20 in
<b>Product Weight</b>	168.1 lb <sup>8</sup>
<b>Warranty Features</b>	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://hp.com/support">http://hp.com/support</a> to learn about HP award winning service and support options in your region.
<b>Energy Efficiency Compliance</b>	ENERGY STAR® qualified; Blue Angel; CECP; EPEAT® Silver
<b>Control Panel</b>	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
<b>Display Description</b>	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)
<b>Software Included</b>	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
<b>Fonts and Typefaces</b>	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 <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>
<b>Compatible Operating Systems</b>	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 32-bit editions (Home Basic, Premium, Professional, etc.), Windows XP SP3 32-bit editions (XP Home, XP Pro, etc.)
<b>Compatible Network Operating Systems</b>	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 SP1 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, novell.com/print, Novell Print Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux, Novell Services, 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 32-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))
<b>Minimum System Requirements</b>	<b>PC:</b> 2 GB available hard disk space; OS hardware requirements see microsoft.com; <b>MAC:</b> 1.3 GB available hard drive space; Internet; OS hardware requirements see Apple.com for more info
<b>Power</b>	<b>Power Supply Type:</b> Built in 115V or 220 V Power Supply (not dual voltage, power supply varies by part number with option code identifier); <b>Power Requirements:</b> 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; <b>Power Consumption:</b> 900 watts (printing/copying), 47 watts (ready), 0.9 watts (sleep), 0.9 watts (Auto Off/Manual On), 0.1 (Manual Off) <sup>5</sup> ; <b>Electrical Electricity Consumption (TEC number):</b> ES: 2.72 kWh/Week; BA: 2.68 kWh/Week; S: 2.68 kWh/Week; <b>Blue Angel (Sleep mode):</b> 0.73 Watts <sup>6</sup>
<b>Acoustics</b>	<b>Acoustic Power Emissions:</b> 6.8 B(A); <b>Acoustic Pressure Emissions:</b> 53 dB(A)
<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 59 to 86°F; <b>Recommended Operating Temperature:</b> 63.5 to 77°F; <b>Storage Temperature Range:</b> -4 to 104°F; <b>Non-Operating Humidity Range:</b> 10 to 90% RH; <b>Operating Humidity Range:</b> 10 to 80% RH; <b>Recommended Humidity Operating Range:</b> 30 to 70% RH
<b>Security Management</b>	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 WIA-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 pocket; 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 accessible in Arcsight and Splunk; SIEMs
<b>Accessories</b>	HP Jetdirect 2900nw Print Server J8031A, HP Trusted Platform Module Accessory F5562A, HP Internal USB Ports BSL28A, HP Foreign Interface Harness BSL31A, HP 1GB DDR3 x32 144-Pin 800MHz SODIMM ESK4BA, HP LaserJet Keyboard Overlay Kit for Simplified Chinese & Traditional Chinese A7W12A, HP LaserJet Swedish Keyboard A7W14A, HP Staple Cartridge Refill J8J96A
<b>HP Service and Support Options</b>	UN9N3PE - HP 3 year NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x; UN9N6E - HP 3 year 4 hour 9x5 Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x; UN9N1PE - HP 1 year Post Wty NBD Service w/Defective Media Retention for Color LaserJet Enterprise MFP M68x; UN9N3PE - HP 1 year Post Warranty 4 hour 9x5 Service w/DMR for Color LaserJet Enterprise MFP M68x

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<sup>1</sup> EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country. <sup>2</sup> Cartridges included: yields 10,500 color (CY/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. <sup>3</sup> With print cartridges. <sup>4</sup> With print cartridges. <sup>5</sup> 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. <sup>6</sup> Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. <sup>7</sup> Average color composite (CY/M) and black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. <sup>8</sup> Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit <http://www.hp.com/go/learnaboutsupplies>. <sup>9</sup> 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); U.S. Government: Standard, FIPS 140-2 validated hard disk, minimum 500 GB. <sup>10</sup> 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. <sup>11</sup> Measured using ISO 24734 Feature Test, AS Landscape Feed. Speed may vary based on content, PC, media orientation, and media type. <sup>12</sup> Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep. <sup>13</sup> Measured after 15 min in sleep. Exact speed varies depending on the system configuration, software application, driver, document complexity and time in sleep. <sup>14</sup> First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, 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 and document complexity. <sup>15</sup> Measured after 15 min in sleep from Device Wake to Page In Bin. Exact speed varies depending on the system configuration, software application, document complexity and time in sleep. <sup>16</sup> Measured after 15 min in sleep from Device Wake to Page In Bin. Exact speed varies depending on the system configuration, software application, document complexity and time in sleep. <sup>17</sup> Based on standard ITU-T type #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17. <sup>18</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. <sup>19</sup> Scan software not included in box. HP Scan and TWAIN driver available for download at <http://hp.com/support>

