

# HP Color LaserJet Enterprise MFP M680 series



Use this high-performance color MFP to stay productive in the office and on the go.<sup>2</sup>

Tackle high-volume jobs with a high-performance color MFP. Print and copy on letter and A4, plus scan and fax. Enhanced scanning and an 8-inch color touchscreen streamline workflows. Mobile printing options help you stay productive on the go.<sup>2,8</sup>



HP Color LaserJet Enterprise MFP M680dn

#### Make workflow fly

- Get more done, faster. Scan two-sided documents in a single pass. No missed pages, no flipping pages by hand.
- Preview and edit scans, adjust images, and launch standard processes—all at the 8-inch color touchscreen.
- Fast, accurate input—enter data more quickly and accurately, using the pull-out keyboard.<sup>9</sup>
- Scan and send digital files directly to email, SharePoint®, network folders, or the cloud.<sup>2</sup>



HP Color LaserJet Enterprise MFP M680f

#### Mobilize business printing

- Print without wires—or a network. Get easy access to the MFP through optional wireless direct printing.<sup>4</sup>
- Mobile printing at a touch—enable touch-to-print convenience from mobile devices.<sup>5</sup>
- Easily print from smartphones, tablets, and notebooks at work, home, or on the go; Mopria-certified.<sup>1</sup>
- Pull print jobs from your pocket—walk up and print or scan from your USB drive.



HP Color LaserJet Enterprise Flow MFP M680z

#### Ready, set, grow

- Depend on an MFP that can expand with your business, whenever solutions advance.
- Take the guesswork out of fleet management—centrally monitor and control your MFPs with HP Web Jetadmin.<sup>6</sup>
- Be confident that sensitive business data is protected with advanced security and an encrypted hard disk.

#### Loaded for productivity

- Reload less often—tackle high-volume printing with a paper capacity of up to 3,100 sheets.<sup>3</sup>
- Reduce employee time at the MFP, using the automatic document feeder.
- Confidently capture data. HP EveryPage lets you scan without worry and detect potential errors right away.<sup>10</sup>
- Save time with automatic job sorting and finishing, using the 3-bin stapling mailbox.<sup>7</sup>

<sup>1</sup> Local printing requires mobile device and printer to be on the same wireless network or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting) for more details. Mopria-certified devices adhere to a common standard that enables easy mobile printing with little or no setup. <sup>2</sup> Scanning to SharePoint and/or the cloud requires an Internet connection to the printer. Services may require registration. Availability varies by country, language, and agreements. For details, see [hp.com/go/mfp](http://hp.com/go/mfp) <sup>3</sup> Maximum paper capacity requires purchase of additional paper trays for the HP Color LaserJet Enterprise M680f and M680dn. <sup>4</sup> Wireless direct printing requires purchase of optional module. Mobile device may require an app or driver. Wireless performance is dependent on physical environment and distance from the printer. For details, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting) <sup>5</sup> Touch-to-print capability requires purchase of optional module. Mobile device must support near-field communications-enabled printing. For a list of supported devices, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting) <sup>6</sup> HP Web Jetadmin is free and available for download at [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin) <sup>7</sup> Three-bin stapling mailbox requires additional purchase for the HP Color LaserJet Enterprise MFP M680dn and HP Color LaserJet Enterprise MFP M680f. <sup>8</sup> Fax functionality not available on the HP Color LaserJet Enterprise MFP M680dn. <sup>9</sup> Keyboard is available on the HP Color LaserJet Enterprise MFP M680z only. <sup>10</sup> HP EveryPage is available on the HP Color LaserJet Enterprise MFP M680z only.

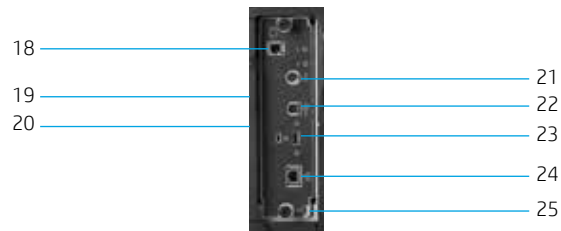
## Product walkaround

- 1 Intuitive 8-inch (20.3 cm) color touchscreen control panel
- 2 100-sheet automatic document feeder (ADF) with single-pass, two-sided scanning and HP EveryPage with ultrasonic double-feed detection
- 3 Home button (returns to home screen)
- 4 900-sheet, 3-bin stapling mailbox accessory (Optional on the M680dn and M680f)
- 5 500-sheet output bin
- 6 Hardware integration pocket (for connecting accessory and third-party devices)
- 7 Easy access USB port to save and print files directly
- 8 Front door (access to toner cartridges)
- 9 Built-in automatic duplexer
- 10 Lower-right door (access for clearing jams)
- 11 500-sheet tray 2
- 12 2 x 500-sheet tray
- 13 1,500-sheet high-capacity input with stand
- 14 Pull-out keyboard for easy, accurate data entry
- 15 Right-side door (access for clearing jams)
- 16 100-sheet multipurpose tray
- 17 On/off button
- 18 Fax port
- 19 HP High-Performance Secure Hard Disk
- 20 800 MHz processor, 2 GB RAM
- 21 Foreign interface harness (for connecting external devices)
- 22 Hi-Speed USB 2.0 printing port
- 23 Hi-Speed USB 2.0 port (for connecting third-party devices)
- 24 HP Jetdirect Gigabit Ethernet print server
- 25 Access port for optional Kensington-style lock

HP Color LaserJet Enterprise Flow MFP M680z shown



Front view



Side I/O panel close-up

## Series at a glance



| Model   | HP Color LaserJet Enterprise MFP M680dn | HP Color LaserJet Enterprise MFP M680f | HP Color LaserJet Enterprise Flow MFP M680z |
|---|---|--|---|
| <b>Part number</b>  | CZ248A                                  | CZ249A                                 | CZ250A                                      |
| <b>100-sheet multipurpose tray</b>                        | ✓                                       | ✓                                      | ✓   |
| <b>500-sheet tray 2</b>                                   | ✓                                       | ✓                                      | ✓   |
| <b>500-sheet tray 3 with storage cabinet</b>              | Optional                                | ✓                                      | Not available                               |
| <b>2 x 500-sheet trays and 1,500-sheet HCI with stand</b> | Optional                                | Not available                          | ✓   |
| <b>900-sheet, 3-bin stapling mailbox</b>                  | Optional                                | Optional                               | ✓   |
| <b>Touch-to-print and wireless direct mobile printing</b> | Optional                                | Optional                               | Optional                                    |
| <b>100-page ADF with single-pass, two-sided scanning</b>  | ✓                                       | ✓                                      | ✓ (Plus HP EveryPage)                       |
| <b>Fax</b>  | Optional                                | ✓                                      | ✓   |

## 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 comprehensive suite of protection services designed to keep HP Hardware and software up and running so employees can stay productive.

Choose from:

**Next Business Day Onsite Repair:** Makes an HP technician available at customers' premise the next business day, if the issue cannot be resolved remotely.

**Same Day Onsite – 4 hour 9 x 5 and 13 x 5:** Sends an HP technician to customer's 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.

For care pack availability visit: [hp.com/go/cpc](http://hp.com/go/cpc)



## Top Features

Power up your productivity with super-fast scanning, impressive paper capacity, and an 8-inch color touchscreen with image preview—to help provide the best results, ahead of time.

Give users the ability to connect and print almost anywhere work takes them. Simple mobile printing saves time—and keeps your business moving at top speed. Print without wires—or a network—with optional wireless direct printing.<sup>2</sup>

Keep your printing fleet looking forward. Easily expand and upgrade this MFP as solutions advance—and use simple, central management tools to save IT time and budget.

Take office productivity higher. Load the MFP with up to 3,100 sheets and high-capacity Original HP cartridges, set up jobs with the automatic document feeder, and let it go to work.<sup>1</sup> HP EveryPage helps detects errors before they start.<sup>3</sup>

### Accessories

|        |   |
|--------|---|
| CZ261A | HP Color LaserJet 500-sheet Paper Tray  |
| CZ263A | HP Color LaserJet 2 x 500-sheet Paper Feeder 1,500-sheet High-capacity Paper Feeder and Stand |
| CZ264A | HP 900-sheet 3-bin Stapling Mailbox   |
| CC487A | HP LaserJet MFP Analog Fax Accessory 500  |
| J8026A | HP Jetdirect 2700w USB Wireless Print Server  |
| J8029A | HP Jetdirect 2800w NFC/Wireless Direct Accessory  |
| CE246A | HP Color LaserJet 110V Fuser Kit  |
| CE265A | HP LaserJet Toner Collection Unit   |
| CE247A | HP Color LaserJet 220V Fuser Kit  |
| CE249A | HP Color LaserJet Transfer Kit  |
| LZ718A | HP 100 ADF Roller Replacement Kit   |

### Supplies

|        |  |
|--------|--|
| CF320A | HP 652A Black Original LaserJet Toner Cartridge (~11,500 yield)            |
| CF320X | HP 653X High Yield Black Original LaserJet Toner Cartridge (~21,000 yield) |
| CF321A | HP 653A Cyan Original LaserJet Toner Cartridge (~16,500 yield)             |
| CF322A | HP 653A Yellow Original LaserJet Toner Cartridge (~16,500 yield)           |
| CF323A | HP 653A Magenta Original LaserJet Toner Cartridge (~16,500 yield)          |

### Services

|        |  |
|--------|--|
| U1PE8E | HP 2-year Next business day Color LaserJet M680 MFP Hardware Support |
| U1PE9E | HP 3-year Next business day Color LaserJet M680 MFP Hardware Support |
| U1PFOE | HP 4-year Next business day Color LaserJet M680 MFP Hardware Support |
| U1PF1E | HP 5-year Next business day Color LaserJet M680 MFP Hardware Support |
| U1PF4E | HP 4-year 4 hours 9 x 5 Color LaserJet M680 MFP Hardware Support     |
| U1PF5E | HP 4-year 4 hours 13 x 5 Color LaserJet M680 MFP Hardware Support    |
| U1PF6E | HP 5-year 4 hours 9 x 5 Color LaserJet M680 MFP Hardware Support     |
| U1PF7E | HP 5-year 4 hours 13 x 5 Color LaserJet M680 MFP Hardware Support    |

<sup>1</sup> Maximum paper capacity requires purchase of additional paper trays for the HP Color LaserJet Enterprise M680f and M680dn. <sup>2</sup> Wireless direct printing requires purchase of optional module. Mobile device may require an app or driver. Wireless performance is dependent on physical environment and distance from the printer. For details, see [hp.com/go/businessmobileprinting](http://hp.com/go/businessmobileprinting) <sup>3</sup> HP EveryPage is available on the HP Color LaserJet Enterprise MFP M680z only.

# HP Color LaserJet Enterprise MFP M680 series

| Technical specifications                      | HP Color LaserJet Enterprise MFP M680dn (CZ248A)  | HP Color LaserJet Enterprise MFP M680f (CZ249A)  | HP Color LaserJet Enterprise Flow MFP M680z (CZ250A)   |
|---|---|--|--|
| <b>AIO functions</b>                          | Print, Copy, Scan, Digital Send, Scan-to-Easy Access USB<br><b>AIO multitasking supported:</b> Yes  | Print, Copy, Scan, Fax, Digital Send, Scan-to-Easy Access USB<br><b>AIO multitasking supported:</b> Yes  | Print, Copy, Scan, Fax, Digital Send, Scan-to-Easy Access USB, Scan-to-SharePoint, Scan-to-Flow CM (where applicable); <b>AIO multitasking supported:</b> Yes  |
| <b>Duplex print options</b>                   | Automatic   |  |  |
| <b>Print speed<sup>1</sup></b>                | <b>Normal, letter:</b> Up to 45 ppm black and color; <b>Normal, A4:</b> Up to 42 ppm black and color  |  |  |
| <b>First page out<sup>2</sup></b>             | <b>Black (ready):</b> As fast as 10.5 sec; <b>Color (ready):</b> As fast as 10.5 sec  |  |  |
| <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 resolution technologies</b>          | HP ImageREt 4800, 600 x 600 dpi, HP ProRes 1200 (1200 x 1200 dpi), PANTONE® Calibrated  |  |  |
| <b>Print technology</b>                       | Laser   |  |  |
| <b>Print cartridges number</b>                | 4 (1 each black, cyan, magenta, yellow)   |  |  |
| <b>Mobile printing capability<sup>3</sup></b> | HP ePrint, Apple AirPrint™, Open Extensibility Platform, FutureSmart Firmware, optional Wireless Direct printing  |  |  |
| <b>Printer smart software features</b>        | HP ePrint, Apple AirPrint™, Open Extensibility Platform, FutureSmart Firmware, Schedule On and Off technology, Instant-on Technology, HP Auto-On/Off Technology, HP Easy Color, PANTONE® Calibrated, digital send print preview, duplex, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs   |  | HP ePrint, Apple AirPrint™, Open Extensibility Platform, FutureSmart Firmware, Schedule On and Off technology, Instant-on Technology, HP Auto-On/Off Technology, HP Easy Color, PANTONE® Calibrated, digital send print preview, duplex, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, job separator, staple   |
| <b>Standard print languages</b>               | HP PCL 6, HP PCL 5e, HP Postscript level 3 emulation, PDF, PDF and AirPrint (URF and PDF)   |  |  |
| <b>Printer management</b>                     | HP Web Jetadmin; HP Utility (Mac)   |  |  |
| <b>Scan type/technology</b>                   | <b>Type:</b> Flatbed, ADF; <b>Technology:</b> Charge Coupled Device (CCD)   |  |  |
| <b>Scan speed</b>                             | <b>Normal, letter:</b> Up to 60 ppm (b&w), up to 45 ppm (color); <b>Duplex:</b> Up to 60 ppm (b&w), up to 45 ppm (color)  |  | <b>Normal, letter:</b> Up to 65 ppm (b&w), up to 63 ppm (color); <b>Duplex:</b> Up to 89 ppm (b&w), up to 66 ppm (color)   |
| <b>Scan resolution</b>                        | <b>Enhanced:</b> Up to 600 dpi; <b>Hardware:</b> Up to 600 x 600 dpi; <b>Optical:</b> Up to 600 dpi   |  |  |
| <b>Scan file format</b>                       | PDF, JPEG, TIFF, MIF, XPS, PDF/A  |  |  |
| <b>Scan input modes</b>                       | Front panel applications; Copy, E-mail, Save to Network Folder; Save to USB, Save to Device Memory, Open Extensibility Platform (OXF) applications  |  |  |
| <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; Auto job notification; Blank page suppression; HP Quick Sets  |  | Optimize text/picture; Image adjustments; Output quality setting; Selectable scan resolution 75 to 600 dpi; Auto detect color; Edge erase; Auto tone; Auto job notification; Blank page suppression; Auto orientation; Auto page crop; HP Quick Sets   |
| <b>Digital sending standard features</b>      | Scan-to-e-mail; Save-to-Network Folder; Save-to-USB drive; Send to FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL  |  |  |
| <b>Scan size maximum</b>                      | <b>Flatbed:</b> 8.5 x 14 in (216 x 356 mm)  |  |  |
| <b>Bit depth/Grayscale levels</b>             | <b>Bit Depth:</b> 24-bit; <b>Grayscale:</b> 256   |  |  |
| <b>Copy speed<sup>4</sup></b>                 | <b>Normal, letter:</b> Up to 45 cpm black and color; <b>Normal, A4:</b> Up to 42 cpm black and color  |  |  |
| <b>Copy resolution</b>                        | <b>Black (text and graphics):</b> Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF); <b>Color (text and graphics):</b> Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)  |  |  |
| <b>Max. no. of copies</b>                     | Up to 9,999 copies  |  |  |
| <b>Copier resize</b>                          | 25 to 400%  |  |  |
| <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  |  |  |
| <b>Fax speed</b>                              | Not applicable  |  |  |
| <b>Fax resolution</b>                         | Not applicable  |  |  |
| <b>Fax smart software features</b>            | Not applicable  |  |  |
| <b>Fax features</b>                           | Not applicable  |  |  |
| <b>Standard connectivity</b>                  | 1 Hi-Speed device USB 2.0; 2 Host USB 2.0 (for third-party connections); 1 JetLink; 1 Accessory (for Kensington Lock); 1 Gigabit Ethernet 10/100/1000; 1 FH   | 1 Hi-Speed device USB 2.0; 2 Host USB 2.0 (for third-party connections); 1 JetLink; 1 Accessory (for Kensington Lock); 1 Gigabit Ethernet 10/100/1000; 1 Fax; 1 FH   |  |
| <b>Network capabilities</b>                   | Yes, via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-T, 1000Base-T, 802.3az (EEE) support on Fast Ethernet and Gig Links; iPsec (standard); 802.11b/g/n wireless networking (optional). Please note: HP Jetdirect 2800W (J8029A) and HP Jetdirect 2700W (J8026A) accessories cannot be installed at the same time.   |  |  |
| <b>Network ready</b>                          | Standard (built-in Gigabit Ethernet); Included Touch-to-print and Wireless Direct   |  |  |
| <b>Wireless capability</b>                    | Optional, enabled with purchase of HP Jetdirect 2700w USB Wireless Print Server J8026A or HP Jetdirect ew2500 802.11b/g Wireless Print Server J8021A  |  |  |
| <b>Memory</b>                                 | 2 GB DDR2   |  |  |
| <b>Processor speed</b>                        | 800 MHz   |  |  |
| <b>Duty cycle (monthly)<sup>5</sup></b>       | Up to 120,000 pages; <b>Recommended monthly page volume:</b> 3,000 to 17,000 pages  |  |  |
| <b>Paper handling</b>                         | Input   |  |  |
|   | 100-sheet multipurpose tray, 500-sheet input tray 2, 100-sheet automatic document feeder (ADF), automatic two-sided printing  | 100-sheet multipurpose tray, 500-sheet input tray 2, 500-sheet input tray 3, 100-sheet Automatic Document Feeder (ADF), automatic two-sided printing   | 100-sheet multipurpose tray, 500-sheet input trays 2, 3, and 4, 1,500-sheet input tray 5, 100-sheet Automatic Document Feeder (ADF), automatic two-sided printing  |
|   | 500-sheet output bin  |  |  |
| <b>Media type</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</b>                           | <b>Tray 1:</b> 16 to 58 lb bond (plain), 28 to 58 lb bond (glossy), 16 to 24 lb (envelope); <b>Trays 2, 3, 4, 5:</b> 16 to 32 lb bond (plain), 28 to 58 lb bond (glossy)  |  |  |
| <b>Media sizes custom</b>                     | <b>Tray 1:</b> 4.0 x 6.0 to 8.5 x 14 in; <b>Tray 2:</b> 5.8 x 8.3 to 8.5 x 14 in  | <b>Tray 1:</b> 4.0 x 6.0 to 8.5 x 14 in; <b>Tray 2, 3, 4, 5:</b> 5.8 x 8.3 to 8.5 x 14 in  | <b>Tray 1:</b> 4.0 x 6.0 to 8.5 x 14 in; <b>Tray 2, 3, 4, 5:</b> 5.8 x 8.3 to 8.5 x 14 in; <b>Tray 5:</b> No custom sizes  |
| <b>ADF capacity</b>                           | Standard, 100 sheets  |  |  |
| <b>Dimensions (W x D x H)</b>                 | 31.1 x 25 x 23 in; <b>Max:</b> 45.8 x 34.9 x 33.5 in  | 33 x 26.8 x 44.7 in; <b>Max:</b> 49 x 39.1 x 55.8 in   | 40.2 x 26.8 x 46.5 in; <b>Max:</b> 55.3 x 39.8 x 55.8 in   |
| <b>Weight</b>                                 | 124.3 lb  |  |  |
| <b>What's in the box<sup>6</sup></b>          | HP Color LaserJet Multifunction Printer; Black, Cyan, Magenta, and Yellow HP Color LaserJet Toner Cartridges (installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); 100-sheet multipurpose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in); Encrypted Hard Drive   | HP Color LaserJet Multifunction Printer; Black, Cyan, Magenta, and Yellow HP Color LaserJet Toner Cartridges (installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); 100-sheet multipurpose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in); Encrypted Hard Drive; 500 capacity sheet paper input w/ cabinet; Fax; Fax cable | HP Color LaserJet Multifunction Printer; Black, Cyan, Magenta, and Yellow HP Color LaserJet Toner Cartridges (installed); CD with software drivers and documentation; Documentation (Hardware Install Guide); power cord; HP Jetdirect Gigabit Ethernet Print Server (embedded); 100-sheet multipurpose tray 1; 500-sheet input tray 2; Automatic duplexer (built-in); Encrypted Hard Drive; 3,100 high capacity sheet paper input w/ stand; Fax; Fax cable; 900-sheet 3-bi stapling mailbox |
| <b>Warranty features</b>                      | One-year, onsite warranty   |  |  |
| <b>Energy efficiency compliance</b>           | ENERGY STAR® qualified; Blue Angel; CECP; EPEAT® Silver   |  |  |
| <b>Compatible operating systems</b>           | Windows XP SP3 or greater (32-bit and 64-bit), Windows Vista (32-bit and 64-bit), Windows 7 (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows Server 2003 SP2 or greater (32-bit and 64-bit), Windows Server 2008 (32-bit and 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), OS X 10.6 Snow Leopard, OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks. For the latest operating system support see: AirPrint support.apple.com/kb/ht4356, Android Ctrix and Windows® Terminal Services (hp.com/go/ud), HP ePrint Software Driver hp.com/go/eprintsoftware, Linux (hpip.net), Novell (novell.com/iprint), SAP device types hp.com/go/sap/drivers, SAP Print hp.com/go/sap/print, UNIX hp.com/go/uni, UNIX JetDirect hp.com/go/jetdirectunix_software, Unix Model Scripts                |  |  |
| <b>Compatible network operating systems</b>   | HP-UX 10.20, 11.x, 11.i, IBM AIX 3.2.5 or higher, OS X 10.6 Snow Leopard, OS X 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, Windows 2000, PE-X, Citrix MetaFrame Server, Novell 5.1 or higher, Red Hat Linux 7.x or higher, Solaris 2.5 or higher (SPARC systems only), SuSE Linux 8.x or higher, Windows 2003 SP2+ 64-bit, Windows Terminal Services, Windows Vista (32-bit and 64-bit), Windows Vista Ready, Windows XP SP3+ 64-bit, Windows XP SP3+ Professional, Windows XP SP3+ Professional and Windows Vista, Windows 7 SP1 or greater (32-bit and 64-bit), Windows 8 (32-bit and 64-bit), Windows Server 2008 (32-bit and 64-bit), Windows Server 2008 R2 (64-bit), Windows Server 2012 (64-bit), (For Microsoft IPv6 compatibility see Windows 2003, Windows XP Home, Windows XP Professional and Windows Vista) |  |  |
| <b>Minimum system requirements</b>            | <b>PC:</b> Windows 8, Windows 7 (SP1 or higher), Windows Vista, Windows XP (SP2 or higher), Windows Server 2003 (SP1 or higher), Windows Server 2008; Windows Server 2008 R2 (64-bit); Windows Server 2012 (64-bit); 200 MB available hard disk space; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection; Operating system compatible hardware system requirements see microsoft.com; <b>Mac:</b> OS X 10.6 Snow Leopard; OS X 10.7 Lion; OS X 10.8 Mountain Lion; OS X 10.9 Mavericks; CD-ROM or DVD drive, or Internet connection; Dedicated universal serial bus (USB 1.1 or 2.0), or network connection; 1 GB of available hard-disk space  |  |  |
| <b>Environmental ranges</b>                   | <b>Operating temperature range:</b> 59 to 86° F (15 to 30° C); <b>Recommended operating temperature:</b> 62.6 to 77° F (17 to 25° C); <b>Non-operating humidity range:</b> 10 to 90% RH; <b>Operating humidity range:</b> 10 to 80% RH; <b>Recommended operating humidity range:</b> 30 to 70% RH   |  |  |
| <b>Acoustic<sup>7</sup></b>                   | <b>Acoustic power emissions:</b> 7.1 B(A); <b>Acoustic pressure emissions:</b> 56 d(BA)   |  |  |
| <b>Power</b>                                  | <b>Power supply type:</b> Built-in power supply; <b>Power supply required:</b> 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz), 12 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 2 Hz), 6 A (Not dual voltage, power supply varies by part number with # Option code identifier); <b>Power consumption:</b> 797 watts (Printing), 83 watts (Ready), 7 watts (Sleep), 0.07 watts (Manual Off), 1.53 (Auto Off/Wake on LAN), 0.07 (Auto Off/Manual On)   |  |  |
| <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 hp.com/go/laserjetfonts  |  |  |
| <b>Display</b>                                | 8" (20.3 cm) capacitive-touchscreen, SVGA (800 x 600 resolution), gesture support   |  | 8" (20.3 cm) capacitive-touchscreen, SVGA (800 x 600 resolution), gesture support and extended keyboard  |
| <b>Software included</b>                      | <b>Windows:</b> HP Installer/Uninstaller, HP PCL 6 print driver, Wizard, Scan-to Folder Setup Wizard, Scan-to-e-mail setup Wizard, HP Send Fax, DXP (Device Experience), HP Help & Learn Center, Product Registration Assist<br><b>Mac:</b> HP Installer/Uninstaller, HP Postscript driver, HP Utility, HP Alerts, HP Firmware Updater  |  |  |
| <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 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 Microsof), Secure Erase, SSL/TLS (HTTPS), Encrypted Credentials; Device: Security lock slot, USB port disablement, hardware integration pocket for security solutions; Security management: Compatible with HP Imaging and Printing Security Center   |  |  |

<sup>1</sup> 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. <sup>2</sup> Exact speed varies depending on the system configuration, software application, driver and document complexity. <sup>3</sup> May require a firmware upgrade to be compatible, download at hp.com/go/support. <sup>4</sup> First Copy Out and Copy Speed measured using ISO/IEC 29183, 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. <sup>5</sup> Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. <sup>6</sup> HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. <sup>7</sup> HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. <sup>8</sup> Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: M680f model, simplex printing, A4 paper at an average of 43 ppm. <sup>9</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.

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