

HP Color LaserJet Enterprise MFP M680dn



Tackle high-volume jobs with a high-performance color MFP. Print and copy on letter and A4. Enhanced scanning features and an 8-inch color touchscreen smooth workflows. Mobile printing options help you stay productive on the go.²



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.
- Reload less often—tackle high-volume print jobs with a paper capacity of up to 3100 sheets.³
- Scan and send digital files directly to email, network folders, or the cloud.²

Mobilize business printing

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

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.⁶
- 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 3100 sheets.³
- Reduce employee time at the MFP, using the automatic document feeder.
- Get exceptional value from Original HP high-capacity ink cartridges.
- Save time with automatic job sorting and finishing, using the optional 3-bin stapling mailbox.



¹ 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 for more details. Mopria-certified devices adhere to a common standard that enables easy mobile printing with little or no setup. ² 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 ³ Maximum paper capacity requires purchase of additional paper trays for the HP LaserJet Enterprise M680f and M680dn. ⁴ 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 ⁵ 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 ⁶ HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin

HP Color LaserJet Enterprise MFP M680dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan, Digital Send, Scan-to-Easy Access USB / Yes	Product Dimensions	W x D x H: 31.1 x 25 x 23 in ¹ ; Maximum: 45.8 x 34.9 x 33.5 in
Print Speed	Letter: Up to 45 ppm black; Up to 45 ppm color ¹⁹ First Page Out: As fast as 9.2 sec black; As fast as 10 sec color ¹⁰	Product Weight	124.3 lb ²
Print Resolution	Black (best): Up to 1200 x 1200 dpi; Color (best): Up to 1200 x 1200 dpi	Warranty Features	One-year, onsite warranty
Print Technology	Laser	Energy Efficiency Compliance	ENERGY STAR [®] qualified; Blue Angel; CECP; EPEAT [®] Silver
Print Resolution Technologies	HP ImageREt 4800, 600 x 600 dpi, HP ProRes 1200 (1200 x 1200 dpi), Pantone [®] Calibrated	Control Panel	8" (20.3 cm) capacitive-touchscreen, SVGA (800 x 600 resolution); gesture support
Print Cartridges Number	4 (1 each black, cyan, magenta, yellow)	Display Description	8" (20.3 cm) capacitive-touchscreen, SVGA (800 x 600 resolution); gesture support
Standard Print Languages	HP PCL 6, HP PCL 5e, HP Postscript level 3 emulation, PDF, PDF and AirPrint (URF and PDF)	Software Included	Windows: 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. Mac: HP Installer/Uninstaller; HP Postscript driver, HP Utility, HP Alerts, HP Firmware Updater
Printer Smart Software Features	HP ePrint, Apple AirPrint™, Mopria-certified, Open Extensibility Platform, FutureSmart Firmware, Schedule On and Off technology, Instant-on Technology, HP Auto-On/Auto-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	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 Font (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
Printer Management	HP Web Jetadmin; HP Utility (Mac)	Compatible Operating Systems	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 10 (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: Air Print http://www.support.apple.com/kb/ht4356 , Android Ctrix and Windows [®] Terminal Services (http://www.hp.com/go/apd), HP ePrint Software Driver http://www.hp.com/go/eprintssoftware , Linux (http://www.hp.com/go/linux), Novell (http://www.novell.com/iprint), SAP device types (http://www.hp.com/go/sap/drivers), SAP Print http://www.hp.com/go/sap/print), UNIX (http://www.hp.com/go/unix), UNIX JetDirect http://www.hp.com/go/jetdirectunix_software , Unix Model Scripts http://www.hp.com/go/unixmodelscripts ¹⁵
Scan Type / Technology	Flatbed, ADF / Charge Coupled Device (CCD)	Compatible Network Operating Systems	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-IX, Ctrix 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 Server 2003 SP2+, Windows Terminal Services, Windows Vista (32-bit and 64-bit), Windows Vista Ready, Windows XP SP3+ 64-bit, Windows XP SP3+ Home, Windows XP SP3+ Home, 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 use Windows 2003, Windows XP Home, Windows XP Professional and Windows Vista)
Scan Resolution	Hardware: Up to 600 x 600 dpi; Optical: Up to 600 dpi	Minimum System Requirements	PC: Windows 10, 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 http://www.microsoft.com ; MAC: 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
Scan File Format	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A	Power	Power Supply Type: Built-in power supply; Power Requirements: 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); Power Consumption: 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) ³
Scan Input Modes	Front panel applications: Copy, E-mail, Save to Network Folder, Save to USB, Save to Device Memory, Open Extensibility Platform (OXF) applications	Acoustics	Acoustic Power Emissions: 7.1 dB(A); Acoustic Pressure Emissions: 54 dB(A) ⁸
Scan Size	ADF: 8.5 x 14 in Maximum; 2.7 x 5.8 in Minimum; Flatbed: 8.5 x 14 in	Operating Environment	Operating Temperature Range: 59 to 86°F; Recommended Operating Temperature: 62.6 to 77°F; Storage Temperature Range: 32 to 95°F; Non-Operating Humidity Range: 10 to 90% RH; Operating Humidity Range: 10 to 80% RH; Recommended Humidity Operating Range: 30 to 70% RH
Scan Speed	Up to 60 ppm (b&w), up to 45 ppm (color) ¹⁴ Duplex: Up to 60 ppm (b&w), up to 45 ppm (color)	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 WPA-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; Security management: Compatible with HP Imaging and Printing Security Center
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; Auto job notification; Blank page suppression; HP Quick Sets	Accessories	HP Color LaserJet 500-sheet Paper Feeder and Cabinet C2262A, HP Color LaserJet 2x500-sheet Paper Feeder 1,500-sheet High-capacity Paper Feeder and Stand C2263A, HP 900-sheet 3-bin Stapling Mailbox C2264A, HP LaserJet MFP Analog Fax Accessory 500 C487A, HP Jetdirect ew2500 802.11b/g Wireless Print Server J8021A, HP Jetdirect 2700w USB Wireless Print Server J8026A, HP JetDirect 2800w NFC/Wireless Direct Accessory J8029A
Bit depth / Grayscale levels	24-bit / 256	HP Service and Support Options	U1PQGE - HP 5yNbd + DMR Color LJ M680MFP Supp; U1PF9E - HP 4yNbd + DMR Color LJ M680MFP Supp; U1PF8E - HP 3yNbd + DMR Color LJ M680MFP Supp; U1PH4E - HP 1y PW Nbd + DMR Color LJ M680MFP Supp
Digital Sending Standard Features	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	Learn more at	hp.com
Copy Speed	Black (letter): Up to 45 cps; Color (letter): Up to 45 cps ⁷		
Copy Resolution	Black (text and graphics): Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF); Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF); Color (text and graphics): Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)		
Maximum Number Of Copies	Up to 9999 copies		
Copier Resize	25 to 400%		
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		
Fax Smart Software Features	Stored faxes; fax archiving; fax forwarding; scale-to-fit; fax address book; LAN/Internet fax; fax number confirmation		
Standard Connectivity	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 FiH		
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); 802.11b/g/n wireless networking (optional). Please note: HP Jetdirect 2800W (J8029A) and HP Jetdirect 2700W (J8026A) accessories cannot be installed at the same time.		
Network Ready	Standard (built-in Gigabit Ethernet); Included Touch to Print and Wireless Direct		
Wireless Capability	Optional, enabled with purchase of HP Jetdirect 2700w USB Wireless Print Server J8026A or HP Jetdirect ew2500 802.11b/g Wireless Print Server J8021A		
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Mopria-certified, Mobile Apps, optional Touch to Print, optional Wireless Direct printing ⁶		
Memory	Standard: 2 GB (system memory); Maximum: 2 GB (system memory)		
Processor Speed	800 Mhz / Hard disk: Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)		
Duty Cycle	Monthly, letter: Up to 175,000 pages (printer) ¹¹		
Recommended Monthly Page Volume	3000 to 17,000 ¹²		
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 bond (plain), 28 to 58 lb bond (glossy), 16 to 24 lb (envelopes); Trays 2, 3, 4, 5: 16 to 32 lb bond (plain), 28 to 58 lb bond (glossy)		
Media Sizes Supported	Tray 1: Letter, legal, 8.5 x 13 in, statement, executive, envelopes [No. 9, No. 10, Monarch (7 3/4)], 4 x 6 in; Tray 2, 3, 4: Letter, legal, 8.5 x 13 in, executive, Tray 5: Letter, legal		
Media Sizes Custom	Tray 1: 4.0 x 6.0 to 8.5 x 14 in; Tray 2: 5.8 x 8.3 to 8.5 x 14 in		
Paper Handling	100-sheet multipurpose tray, 500-sheet input tray 2, 100-sheet automatic document feeder (ADF), automatic two-sided printing; 500-sheet output bin; Duplex Options: Automatic; Auto Document Feeder Capacity: Standard, 100 sheets; Standard Paper Trays: 2; Input Capacities: Up to 600 sheets; Output Capacities: Up to 500 sheets; Up to 75 envelopes; Up to 200 sheets		
What's in the box	CZ248A 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		
Replacement Cartridges	HP 652A Black Original LaserJet Toner Cartridge (~11,500 yield) CF320A; HP 653X High Yield Black Original LaserJet Toner Cartridge (~21,000 yield) CF320X; HP 653A Cyan Original LaserJet Toner Cartridge (~16,500 yield) CF321A; HP 653A Yellow Original LaserJet Toner Cartridge (~16,500 yield) CF322A; HP 653A Magenta Original LaserJet Toner Cartridge (~16,500 yield) CF323A ⁴		

¹All trays closed, output bin and control panel extended ²Includes print cartridges ³Power 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. ⁴Average color composite (C/M/Y) 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> ⁵Declared 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>. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies> ⁶May require a firmware upgrade to be compatible, download at <http://www.hp.com/go/support> ⁷First Copy Out and Copy Speed measured using ISO/IEC 29183, 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. ⁸Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Configuration tested: M680f model, simplex printing, A4 paper at an average of 43 ppm. ⁹Measured 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. ¹⁰Measured using ISO/IEC 17629. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver and document complexity. ¹¹Duty cycle is defined as the maximum number of pages per month of imaging 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. ¹²HP 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. ¹³HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit <http://www.hp.com/go/SureSupply>; only available with Original HP supplies; Internet access required. ¹⁴Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. ¹⁵Windows Installer has the same Operating System support as the printer driver except the following: Windows XP (SP3+) (32-bit only); Windows Server 2003 (SP2+) (32-bit only); Windows Vista Starter not supported in Driver nor Installer; For Windows Server 2003 (32-bit) and 2008 (32-bit & 64-bit), only the printer driver are installed

