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.

HP Color LaserJet Enterprise MFP M680dn Specifications Table

Functions / Multitasking Supported	Print, Copy, Scan, Digital Send, Scan-to-Easy Access USB / Yes
Print Speed	**Letter**: Up to 45 ppm black; Up to 45 ppm color[9] **First Page Out**: As fast as 9.2 sec black; As fast as 10 sec color[10]
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 4800, 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 5e, HP postscript level 3 emulation, PDF, PDF and AirPrint (URF and PDF)
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
Printer Management	HP Web Jetadmin; HP Utility (Mac)
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	PDF, JPEG, TIFF, MTIFF, XPS, PDF/A
Scan Input Modes	Front panel applications: Copy, E-mail, Save to Network Folder, Save to USB, Save to Device Memory, Open Extensibility Platform (OXP) applications
Scan Size	**ADF**: 8.5 x 14 in Maximum; 2.7 x 5.8 in Minimum; **Flatbed**: 8.5 x 14 in
Scan Speed	Up to 60 ppm (b&w), up to 45 ppm (color)[14] **Duplex**: Up to 60 ipm (b&w), up to 45 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; Auto job notification; Blank page suppression; HP Quick Sets
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 FTP; Send to LAN Fax; Send to Internet Fax; Local Address Book; SMTP over SSL
Copy Speed	**Black (letter)**: Up to 45 cpm; **Color (letter)**: Up to 45 cpm[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]

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
Product Weight	124.3 lb[2]
Warranty Features	One-year, onsite warranty
Energy Efficiency Compliance	ENERGY STAR® qualified; Blue Angel; CECP; EPEAT® Silver
Control Panel	8" (20.3 cm) capacitive-touchscreen, SVGA (800 x 600 resolution); gesture support
Display Description	8" (20.3 cm) capacitive-touchscreen, SVGA (800 x 600 resolution); gesture support
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
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	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 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: Air Print http://www.support.apple.com/kb/ht4356, Android Citrix and Windows® Terminal Services (http://www.hp.com/go/upd), HP ePrint Software Driver http://www.hp.com/go/eprintsoftware, Linux (http://www.hplip.net), 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]
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, 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 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)
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
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]
Acoustics	**Acoustic Power Emissions**: 7.1 B(A); **Acoustic Pressure Emissions**: 54 dB(A)[8]
Operating Environment	**Operating Temperature Range**: 59 to 86ºF; **Recommended Operating Temperature**: 62.6 to 77ºF; **Storage Temperature Range**: 32 to 95ºF; **Non-Operating Humidity Range**: 10 to 90% RH; **Recommended 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; Security management: Compatible with HP Imaging and Printing Security Center
Accessories	HP Color LaserJet 500-sheet Paper Feeder and Cabinet CZ262A, HP Color LaserJet 2x500-sheet Paper Feeder 1,500-sheet High-capacity Paper Feeder and Stand CZ263A, HP 900-sheet 3-bin Stapling Mailbox CZ264A, HP LaserJet MFP Analog Fax Accessory 500 CC487A, 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
HP Service and Support Options	U1PG0E - HP 5yNbd + DMR Color LJ M680MFP Supp; U1PF9E - HP 4yNbd + DMR Color LJ M680MFP Supp; U1PF8E - HP 3yNbd + DMR Color LJ M680MFP Supp; U1PH4PE - HP 1y PW Nbd +DMR Color LJ M680MFP Supp

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