

HP Color LaserJet Enterprise Multifunction M680f Printer

New



Ordering Information

Commercial model number:
CZ249A (BGJ)

Canada model number:
CZ249A

Sidebar

In the box:

Print cartridge (1 each black, cyan, magenta, yellow)
100-sheet multipurpose tray
500-sheet input tray
HP Jetdirect Gigabit Ethernet embedded print server
Power cord
Software and documentation on CD-ROM
Documentation (Hardware Install Guide)
Encrypted Hard Drive
Automatic duplexer (built-in)
500-sheet paper input with cabinet
Fax
Fax cable

Software:

Windows-compatible:

HP Installer/Uninstaller
HP PCL 6 print driver Wizard
Scan to Folder Setup Wizard
HP Send Fax
DXP (Device Experience)
HP Help & Learn Center
Product Registration Assist
Scan to e-mail setup Wizard

Mac-compatible:

HP Installer/Uninstaller
HP Postscript driver
HP Utility
HP Alerts
HP Firmware Updater

Standard warranty:

1 year onsite

Replaces

[HP Color LaserJet Enterprise CM4540 MFP](#) [CC419A Compare](#)

[HP Color LaserJet Enterprise](#) [CC420A Compare](#)

Use this high-performance color MFP to stay productive in the office and on the go.¹

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.²

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 3100 sheets and high-capacity Original HP cartridges, set up jobs with the automatic document feeder, and let it go to work.³



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Compatible Operating Systems

Standard Desktop

Windows XP	32/64-bit (SP3 or higher)
Windows Server 2003	32/64-bit (SP2 or higher)
Windows Server 2008	32/64-bit
Windows Server 2012	64-bit
Windows Vista®	32/64-bit
Windows® 7	32/64-bit
Windows® 8	32/64-bit
Mac OS	Mac OS X v 10.6, 10.7, 10.8, 10.9
Other	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

Additional Information

Sales

www.hp.com
[Data Sheet 4AA4-8127ENUC](#)

Technical Support

www.hp.com/support

Third-party solutions

www.hpgsc.com

Brand Specifications

PRINTER

Print Technology	Laser
AIO/MFP Functions	Color printing, color copying, color scanning to USB, black and white faxing, digital send and scan-to-easy access
Print Speed Black, Letter: ISO/Best Quality	Up to 45 ppm ⁴
Print Speed Color, Letter: ISO/Best Quality	Up to 45 ppm ⁴
First Page Out	As fast as 10.5 sec from Ready mode
Processor	800 MHz
Paper Trays, Std	3
Paper Trays, Max	5
Input Capacity, Std	1,100 sheets (100-sheet multipurpose tray, 500-sheet input tray 2, 500-sheet input tray 3, 100-sheet Automatic Document Feeder (ADF), automatic two-sided printing)
Input Capacity, Max	3,100 sheets
Output Capacity, Std	500 sheets
Output Capacity, Max	900 sheets
Envelope Input, Std	10
Envelope Feeder	No
Two-Sided Printing	Automatic (standard)
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
Print Quality, Black Best	Up to 1200 x 1200 dpi
Print Quality, Color Best	Up to 1200 x 1200 dpi
Print Resolution Technology	HP ImageREt 4800, 600 x 600 dpi, HP ProRes 1200 (1200 x 1200 dpi), Pantone® Calibrated
Print Cartridges	4 (1 each black, cyan, magenta, yellow)
Print Languages, Std	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF, PDF and AirPrint (URF and PDF)
Printer Management	HP Web Jetadmin; HP Utility (Mac)
Display Type	8.0-inch (20.3 cm) capacitive-touchscreen, SVGA (800 x 600 resolution), gesture support

SCANNER

Scan Speed	Up to 60 ppm (black and white), up to 45 ppm (color)
Scan Resolution, Enhanced	Up to 600 dpi
Scan Resolution, Optical	Up to 600 dpi
Grayscale Levels	256

COPIER

Copy Speed, Max, Black	Up to 45 cpm
Copy Speed, Max, Color	Up to 45 cpm
Copy Resolution, Black Text	Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)

HP Care Pack Options

Recommended Care Pack Services

Installation with Network Setup Service	H3110E
Next Business Day Onsite with DMR: 3 years	U1PF8E

Optional Care Pack Services

Installation with Network Setup Service	H3110E
Same Day Onsite, Standard Business Hours: 3 years	U1PF2E
Same Day Onsite, Standard Business Hours: 4 years	U1PF4E
Same Day Onsite, Standard Business Hours: 5 years	U1PF6E
Same Day Onsite, Extended Business Hours: 3 years	U1PF3E
Same Day Onsite, Extended Business Hours: 4 years	U1PF5E
Same Day Onsite, Extended Business Hours: 5 years	U1PF7E
Next Business Day Onsite with DMR: 3 years	U1PF8E
Next Business Day Onsite with DMR: 4 years	U1PF9E

Next Business Day Onsite with DMR: 5 years	U1PG0E
Next Business Day Onsite Call-to-Repair with DMR: 3 years	U1PG4E
Next Business Day Onsite Call-to-Repair with DMR: 4 years	U1PG5E
Next Business Day Onsite Call-to-Repair with DMR: 5 years	U1PG6E
Second Business Day Onsite Call-to-Repair with DMR: 3 years	U1PG7E
Second Business Day Onsite Call-to-Repair with DMR: 4 years	U1PG8E
Second Business Day Onsite Call-to-Repair with DMR: 5 years	U1PG9E
Maintenance Kit Replacement Service (Transfer)	U1ZQ9E
Maintenance Kit Replacement Service (Fuser)	U1ZR0E
Maintenance Kit Replacement Service (ADF)	U1ZR2E
Post Warranty Service, Remote User Assistance Support: 1 year	UU926PE
Post Warranty Service, Same Day Onsite, Standard Business Hours: 1 year	U1PH2PE
Post Warranty Service, Same	U1PH3PE

Copy Resolution, Black Graphics	Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)
Copy Resolution, Color Text And Graphics	Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)
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
Number Of Copies, Max	9999
Copier Reduce/Enlarge	25–400%
FAX	
Fax Speed	13 sec per page
Fax Resolution, Best	Up to 300 x 300 dpi
PC Fax Interface	Yes, PC fax send only
Speed Dialing, Max Numbers	100 (each can contain 100 numbers)
Fax Forwarding	Yes
Fax Blocking	Yes, as blocked fax numbers
DIGITAL SENDING	
Digital Sending Features, Std	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
Digital Sending Features, Opt	Optional via HP Digital Sending Software (HP DSS); Send to folder; Send-to-workflow; Send-to-printer; Authentication; Digital fax (send to LAN, Internet); OCR; Local Address Book; via HP Embedded Capture; Metadata capture and validation; Data transfer; Scan workflow management
Digital Sending File Formats	Digital Send: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, Scan to easy access USB: PDF, JPEG, TIFF, MTIFF, XPS, PDF/A, Print from easy access USB: PDF, PS, Print Ready files (.prn, .pcl, .cht)
GENERAL	
Duty Cycle, Monthly	Up to 120,000 pages (printer) ⁵
Recommended Monthly Volume	3,000 to 17,000 pages ⁶
ADF Capacity	100 sheets
Media Types	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 Sizes, Std	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: Letter, legal, 8.5 x 13 in, executive
Media Sizes, Std, Metric	Tray 1: A4, A5, A6, B5 (JIS), B6 (JIS), envelopes (C5, B5, C6, DL ISO), 16K, Postcard, Dpostcard; Tray 2, 3: A4, A5, B5 (JIS), 16K
Media Sizes, Custom	Tray 1: 4.0 x 6.0 in to 8.5 x 14 in; tray 2, 3: 5.8 x 8.3 to 8.5 x 14 in
Media Sizes, Custom, Metric	Tray 1: 101.6 x 152 to 216 x 356 mm; Tray 2, 3: 148 x 210 to 216 x 356 mm
Media Weights	Tray 1: 16 to 58 lb bond (plain), 28 to 58 lb bond (glossy), 16 to 24 lb (envelopes); tray 2, 3: 16 to 32 lb bond (plain), 28 to 58 lb bond (glossy)
Media Weights, Metric	Tray 1: 60 to 216 g/m ² (plain), 105 to 220 g/m ² (glossy); tray 2, 3: 60 to 120 g/m ² (plain), 105 to

Day Onsite,
Extended
Business
Hours: 1 year

Post Warranty
Service, Next
Business Day
Onsite: 2 years

Post Warranty
Service, Next
Business Day
Onsite with
DMR: 1 year

Post Warranty
Service, Next
Business Day
Onsite Call-to-
Repair with
DMR: 1 year

Post Warranty
Service,
Second
Business Day
Onsite Call-to-
Repair with
DMR: 1 year

U1PH1PE

U1PH4PE

U1UH6PE

U1UH7PE

Connectivity, Std	220 g/m ² (glossy) Hi-Speed device USB 2.0, 2 Host USB 2.0 (for third party connections), Jetlink, Accessory (for Kensington Lock), Gigabit Ethernet 10/100/1000, Fax, FIH
Connectivity, Opt	HP Jetdirect internal and wireless print servers
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Mobile Apps, optional Touch to Print, optional Wireless Direct printing
Memory, Std	2 GB (system memory)
Memory, Max	2 GB (system memory)
Hard Disk Drive	Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)
Power Supply Type	Built-in power supply
Power Supply Required	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) ⁷
Typical Electricity Consumption (TEC)	5.687 kWh/Week
ENERGY STAR® Qualified	Yes
Mac Compatible	Yes
Dimensions (W x D x H)	49 x 39.1 x 55.8 in (maximum), 33 x 26.8 x 44.7 in (minimum)
Weight	171.4 lb
Dimensions, Metric	840 x 681 x 1135 mm (minimum), 1245 x 994 x 1416 mm (maximum)
Weight, Metric	77.9 kg
Shipping Dimensions	33.7 x 29.9 x 54.1 in
Shipping Weight	213.2 lb
Shipping Dimensions, Metric	856 x 760 x 1373 mm
Shipping Weight, Metric	96.6 kg
Pallet Dimensions	33.7 x 29.9 x 54.1 in
Pallet Dimensions, Metric	856 x 760 x 1373 mm
Pallet Weight	213.2 lb
Pallet Weight, Metric	96.6 kg
Quantity Per Pallet	1

Jetdirect Products

- [HP 1200w NFC/Wireless Mobile Print Accessory \(E5K46A\)](#)
- [HP Jetdirect 2800w NFC/Wireless Direct Accessory \(J8029A\)](#)
- [HP Jetdirect ew2500 802.11b/g Wireless Print Server \(J8021A\)](#)
- [HP Jetdirect 2700w USB Wireless Print Server \(J8026A\)](#)

Accessories

Paper-handling accessories

- HP Staple Cartridge Refill (C8091A)
- HP 900-sheet 3-bin Stapling Mailbox (CZ264A)

Maintenance kits

- HP 100 ADF Roller Replacement Kit (L2718A)

Compatible Supplies

HP LaserJet Cartridges and Kits

- HP 648A Toner Collection Unit ([CE265A](#))
- HP 652A Black Original LaserJet Toner Cartridge ([CF320A](#))
- HP 653X High Yield Black Original LaserJet Toner Cartridge ([CF320X](#))
- HP 653A Cyan Original LaserJet Toner Cartridge ([CF321A](#))
- HP 653A Yellow Original LaserJet Toner Cartridge ([CF322A](#))
- HP 653A Magenta Original LaserJet Toner Cartridge ([CF323A](#))

Compatible Paper Products

Top Recommended Papers

HP Premium Glossy Presentation Paper			
8.5 x 11 in	32 lb	250 sheets	CG988A
HP Laser Matte Brochure Paper			
8.5 x 11 in	52 lb	100 sheets	Q8824A
8.5 x 11 in	40 lb	150 sheets	Q6543A

HP Brochure and Presentation Papers

HP Premium Glossy Presentation Paper			
8.5 x 11 in	32 lb	250 sheets	CG988A
HP Laser Matte Brochure Paper			
8.5 x 11 in	52 lb	100 sheets	Q8824A
8.5 x 11 in	40 lb	150 sheets	Q6543A
HP Laser Glossy Tri-fold Brochure Paper			
8.5 x 11 in	40 lb	150 sheets	Q6612A
HP Laser Glossy Brochure Paper			
8.5 x 11 in	52 lb	100 sheets	Q6608A
8.5 x 11 in	40 lb	150 sheets	Q6611A

HP Everyday Papers

HP Premium Choice Laser Paper			
8.5 x 11 in	32 lb	500 sheets	HPU1132
HP LaserJet Paper			
8.5 x 11 in	24 lb	500 sheets	HPJ1124
8.5 x 11 in	24 lb	2,500 sheets (5 reams)	HPJ115R
HP All-in-One Printing Paper			
8.5 x 11 in	22 lb	500 sheets	HPT1122
8.5 x 11 in	22 lb	2,500 sheets	HPT115
HP Multipurpose Paper			
8.5 x 11 in	20 lb	500 sheets	HPM1120R
8.5 x 11 in	20 lb	5,000 sheets (10 reams)	HPM1120C
8.5 x 11 in	20 lb	2,500 sheets (5 reams)	HPM115RC
8.5 x 11 in, 3-hole punch	20 lb	500 sheets	HPM113H
8.5 x 14 in	20 lb	500 sheets	HPM1420
HP Office Paper			
8.5 x 11 in	20 lb	2,500 sheets (5 reams)	HPC115RC
8.5 x 11 in	20 lb	5,000 sheets (10 reams)	HPC8511C
8.5 x 11 in, 3-hole punch	20 lb	500 sheets	HPC3HP
8.5 x 14 in	20 lb	500 sheets	HPC8514
8.5 x 11 in	20 lb	500 sheets	HPC8511R
HP Office Quickpack			
8.5 x 11 in	20 lb	2,500 sheets	HP2500S
HP Recycled Paper			
8.5 x 11 in	20 lb	500 sheets	HPE1120R
8.5 x 11 in	20 lb	5,000 sheets (10 reams)	HPE1120C
HP Business Copy Paper			
8.5 x 11 in	20 lb	500 sheets	HPBC11
HP Everyday Copy and Print Paper			
8.5 x 11 in	20 lb	500 sheets	HPA510

The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

- 1 . 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 <http://www.hp.com/go/mfp>.
- 2 . 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 <http://www.hp.com/go/businessmobileprinting>.
- 3 . Maximum paper capacity requires purchase of additional paper trays for the HP LaserJet Enterprise M680f and M680dn.
- 4 . 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.
- 5 . 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.
- 6 . 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.
- 7 . 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.