



HP Color LaserJet Enterprise MFP M680f (CZ249A)



Overview

Use this high-performance color MFP to stay productive in the office and on the go.[2]

Tackle high-volume jobs with a high-performance color MFP. Print and copy on letter and A4, plus scan and fax. 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.

Ready, set, grow

Depend on an MFP that can expand with your business, whenever solutions advance.

Mobilize business printing

Print without wires—or a network. Get easy access to the MFP through optional wireless direct printing.[4]

Loaded for productivity

Reload less often—tackle high-volume printing with a paper capacity of up to 3100 sheets.[3]

Features



Print color up to 42 ppm



20.3 cm color touchscreen (printer)



Advanced security



Keyboard

[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 <http://www.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 <http://www.hp.com/go/businessmobileprinting>

Specifications

Print Resolution Technologies	HP ImageREt 3600, 600 x 600 dpi, HP ProRes 1200 (1200 x 1200 dpi), Pantone© Calibrated
Print quality black (best)	Up to 1200 x 1200 dpi
Print quality color (best)	Up to 1200 x 1200 dpi
Print speed black (ISO, A4)	Up to 43 ppm
Print speed black (ISO, letter)	Up to 45 ppm
Print Speed Color (ISO)	Up to 42 ppm
Print speed color (ISO)	Up to 45 ppm
Print speed	Print speed up to 45 ppm (black) and 45 ppm (color)
Functions	Print, Copy, Scan, Fax, Digital Send, Scan-to-Easy Access USB
Duplex printing	Automatic
Duty cycle (monthly, A4)	Up to 175,000 pages
Duty cycle (monthly, letter)	Up to 175,000 pages (printer)
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
Copier smart software features	Auto scale; Reduce/enlarge from scanner glass (25 to 400 %); Collate; Auto color detection; Two-sided copying; Image adjustments (darkness, background cleanup, sharpness); Job build
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
Fax smart software features	Stored faxes; fax archiving; fax forwarding; scale-to-fit; fax address book; LAN/Internet fax; fax number confirmation
Energy savings feature technology	HP Auto-off Technology; HP Auto-on/Auto-off Technology; Instant-on Technology
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
Connectivity, standard	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 FIH
Connectivity, optional	HP Jetdirect 2700w USB Wireless Print Server J8026A; HP Jetdirect 2800w NFC & Wireless Direct J8029A; HP Jetdirect ew2500 802.11b/g Wireless Print Server J8021A
Modem	33.6 kbps

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.
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; Wireless Direct printing; Mobile Apps
Network protocols, supported	IPv4/IPv6: Apple Bonjour Compatible (Mac OS 10.2.4 or higher), SNMPv1/v2c/v3, HTTP, HTTPS, FTP, TFTP, Port 9100, LPD, WS Discovery, IPP, Secure-IPP, IPsec/Firewall; IPv6: DHCPv6, MLDv1, ICMPv6; IPv4: Auto-IP, SLP, Telnet, IGMPv2, BOOTP/DHCP, WINS, IP Direct Mode, WS Print; Other: NetWare NDS, Bindery, NDPS, iPrint
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
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 <i>(Windows 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)</i>
Sustainable impact specifications	Mercury-free
Energy star certified	Yes
Ecolabels	ENERGY STAR® qualified; CECP; EPEAT® Silver
Copy speed (black, normal quality, A4)	Up to 42 cpm
Copy speed (color, normal quality, A4)	Up to 42 cpm
Copy speed black (normal, letter)	Up to 45 cpm
Copy speed color (normal, letter)	Up to 45 cpm
Copy speed black duplex (A4)	Up to 38 ipm

Copy speed black duplex (Letter)	Up to 40 ipm
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
Digital sending optional features	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
Fax Resolution Black (best)	Up to 300 x 300 dpi
Faxing	Yes
Scan speed (normal, A4)	Up to 60 ppm (b&w), up to 45 ppm (color)
Scan speed (normal, letter)	Up to 60 ppm (b&w), up to 45 ppm (color)
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 (OXF) applications
Scan technology	Charge Coupled Device (CCD)
Scanner type	Flatbed, ADF
Display	8" (20.3 cm) capacitive-touchscreen, SVGA (800 x 600 resolution), gesture support
Minimum dimensions (W x D x H)	840 x 681 x 1135 mm
Minimum dimensions (W x D x H)	33 x 26.8 x 44.7 in <i>(All trays closed, output bin and control panel extended)</i>
Weight	77.9 kg
Weight	171.4 lb <i>(Includes print cartridges)</i>
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) <i>(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.)</i>
Power supply type	Built-in power supply
What's in the box	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
Manufacturer Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.

Additional specifications

Accessories	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 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 Trusted Platform Module Accessory F5S62A
Acoustic power emissions (active copy)	7.3 B(A)
Acoustic power emissions (active scan)	7.1 B(A)
Acoustic power emissions (active, printing)	7.1 B(A)
Acoustic power emissions (ready)	5.3 B(A)
Acoustic power note	Acoustic 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.
Acoustic pressure emissions bystander (active copy)	56 dB(A)
Acoustic pressure emissions bystander (active scan)	56 dB(A)
Acoustic pressure emissions bystander (active, printing)	54 dB(A)
Acoustic pressure emissions bystander (ready)	36 dB(A)
Additional information about HP	http://www.hp.com
Auto fax reduction supported	Yes
Automatic document feeder capacity	Standard, 100 sheets
Automatic paper sensor	Yes
Bit depth	24-bit
Bottom margin (A4)	4.3 mm
Business filter	cMPS
Cable included	No, please purchase USB cable separately
Cartons per layer	1
Color scanning	Yes

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)
Component type	Printer
Control panel	8" (20.3 cm) capacitive-touchscreen, SVGA (800 x 600 resolution); gesture support
Copier scaling (ADF)	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
Copies, maximum	Up to 9999 copies
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black graphics)	Up to 600 x 600 dpi (Flatbed), 300 x 600 dpi (ADF)
Copy resolution (black text)	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)
Copy speed color duplex (A4)	Up to 38 cpm
Copy speed color duplex (Letter)	Up to 40 cpm
Copy speed note	First 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.
Count of layers in pallet	1
Country of origin	Made in Japan; China
Distinctive ring detection supported	Yes
Downloadable software	Universal Print Driver for Windows; Windows CD image; Mac CD Image; Web JetAdmin; Easy Printer Care; Basic Color Match; Smart Web Printing In-House Marketing; Unix/Linux driver; Enterprise installer utility; Plug and Play bundles

Driver updates Current HP printer drivers and software can be obtained from the HP Customer Care Web site: In the US, go to <http://www.hp.com/support/colorljMFPM680> Outside the US, go to <http://www.hp.com/support> 1. Go to <http://www.hp.com/support>. Select the country/region. 2. Select Drivers & Downloads 3. Enter a product name/number. 4. Under Download Options, select Drivers, Software & Firmware 5. Select the operating system version. 6. Then select DOWNLOAD.

Duplex ADF scanning Yes, single pass duplexing ADF

Duty cycle note 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.

Eco label ENERGY STAR® qualified

Electromagnetic compatibility CISPR 22:2008/EN 55022:2010 (Class A), EN 61000-3-2 :2006 +A1:2009 +A2:2009, EN 61000-3-3 :2008, EN 55024:2010, FCC Title 47 CFR, Part 15 Class A(USA), ICES-003, Issue 4 (Canada), EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries

Engine life 800000

Enhanced scanning resolution Up to 600 dpi

FCC Class A emissions FCC Class A emissions - for use in commercial environments, not residential environments

Fax Auto Redial Yes

Fax Broadcast Locations 100

Fax PC Interface Supported Yes, PC fax send only

Fax Polling No

Fax Remote Retrieval No

Fax Speed Dials, Maximum Number Up to 100 (each can contain 100 numbers)

Fax Transmission Speed 33.6 kbps

Fax Transmission Speed Note Based on standard ITU-T test image #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

Fax delayed sending No

Fax forwarding Yes

Fax memory Incoming fax can be stored to disk

Fax memory Incoming fax can be stored to disk

Fax phone TAM interface supported No

Fax resolution black 200 x 200 dpi, 256 levels of gray

Fax telephone mode supported No

Fax transmission speed (letter) 3 sec per page

File Format Supported	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)
Finished output handling	Sheetfed
First copy out black (letter)	As fast as 10.5 sec
First copy out color (letter)	As fast as 10.5 sec
First page out black (A4, ready)	As fast as 9.4 sec
First page out black (letter, ready)	As fast as 9.2 sec
First page out black (letter, sleep)	As fast as 18.4 sec
First page out color (A4, ready)	As fast as 10 sec
First page out color (letter, ready)	As fast as 10 sec
First page out color (letter, sleep)	As fast as 17.4 sec
First page out footnote	Measured 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.
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
HP ePrint capability	Yes
Input capacity	Up to 1100 sheets
Internal Storage	Standard, minimum 320 GB HP High-Performance Secure Hard Disk (AES 256 hardware encryption or greater)
Junk fax barrier	Yes, as blocked fax numbers
Left margin (A4)	4.3 mm
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	2 GB (system memory)
Maximum dimensions (W x D x H)	1245 x 994 x 1416 mm
Maximum dimensions (W x D x H)	49 x 39.1 x 55.8 in
Maximum input capacity (sheets)	Up to 3100 sheets
Maximum output capacity (sheets)	Up to 900 sheets
Maximum print area	207.3 x 347.0 mm
Media size (ADF)	Letter; legal; A4; A5; B5; executive
Media size, tray 1	A4; A5; B5 (JIS); B6 (JIS); envelopes (C5, B5, C6, DL ISO); 16K; Postcard; Dpostcard

Media size, tray 2	A4; A5; B5 (JIS); 16K
Media size, tray 3	A4; A5; B5 (JIS)
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 supported	Tray 1: A4, A5, A6, B5 (JIS), B6 (JIS); envelopes (C5, B5, C6, DL ISO); 16K; Postcard; Dpostcard; Tray 2, 3, 4: A4, A5, B5 (JIS); 16K; Tray 5: A4
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes, custom	Tray 1: 4.0 x 6.0 to 8.5 x 14 in; Tray 2, 3: 5.8 x 8.3 to 8.5 x 14 in
Media sizes, custom	Tray 1: 101.6 x 152 to 216 x 356 mm; Tray 2, 3: 148 x 210 to 216 x 356 mm
Media type and capacity, ADF	Sheets: 100
Media type and capacity, tray 1	Sheets (20 lb/75 g/m ²): 100; labels: 10, transparencies, cardstock (163 g/m ²): 50; cardstock (216 g/m ²): 30; envelopes: 10
Media type and capacity, tray 2	Sheets (20 lb/75 g/m ²): 500; Glossy Paper (44 lb/160 g/m ²): 300; Glossy Paper (58 lb/220 g/m ²): 100
Media type and capacity, tray 3	Sheets (20 lb/75 g/m ²): 500; Glossy Paper (44 lb/160 g/m ²): 300; Glossy Paper (58 lb/220 g/m ²): 100
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 weight (tray 1)	60 to 216 g/m ² (plain); 105 to 220 g/m ² (glossy)
Media weight (tray 2)	60 to 120 g/m ² (plain); 105 to 220 g/m ² (glossy)
Media weight (tray 3)	60 to 120 g/m ² (plain); 105 to 220 g/m ² (glossy)
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 weight, supported	Tray 1: 60 to 216 g/m ² (plain), 105 to 220 g/m ² (glossy); Trays 2, 3, 4, 5: 60 to 120 g/m ² (plain), 105 to 220 g/m ² (glossy)
Media weights, supported ADF	16 to 32 lb (bond)
Media weights, supported ADF	60 to 120 g/m ²
Memory	2 GB (system memory)
Memory Slots	1 slot, 200-pin, DDR2 DIMM
Minimum System Requirements	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

Minimum System Requirements for Macintosh	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
Mobile printing capability footnote	May require a firmware upgrade to be compatible, download at http://www.hp.com/go/support
Multitasking supported	Yes
Network ready	Standard (built-in Gigabit Ethernet); Included Touch to Print and Wireless Direct
Non-Operating Humidity Range	10 to 90% RH
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Number of users	10-30 Users
Operating humidity range	10 to 80% RH
Operating temperature range	59 to 86°F
Operating temperature range	15 to 30°C
Orderable product number	CZ249A#AB0, CZ249A#AB2, CZ249A#ABJ, CZ249A#ACJ, CZ249A#BBU, CZ249A#BGM, CZ249A#ABT, CZ249A#ABY, CZ249A#ACQ, CZ249A#B19, CZ249A#BAZ, CZ249A#AC4, CZ249A#AC8, CZ249A#201, CZ249A#AAZ, CZ249A#BGJ
Orderable supplies	HP Staple Cartridge Refill C8091A, HP Color LaserJet CE246A 110V Fuser Kit CE246A, HP Color LaserJet CE247A 220V Fuser Kit CE247A, HP 100 ADF Roller Replacement Kit L2718A, HP Color LaserJet CE249A Transfer Kit CE249A, HP 648A Toner Collection Unit CE265A
Output capacity	Up to 500 sheets
Package dimensions (W x D x H)	856 x 760 x 1373 mm
Package dimensions (W x D x H)	33.7 x 29.9 x 54.1 in
Package weight	213.2 lb
Package weight	96.6 kg
Page yield footnote	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 , Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies
Pallet dimensions	33.7 x 29.92 x 58.34 in
Pallet dimensions (W x D x H)	856 x 760 x 1482 mm
Pallet weight	96.6 kg
Pallet weight	213.2 lb
Paper handling input, standard	100-sheet multipurpose tray, 500-sheet input tray 2, 500-sheet input tray 3, 100-sheet Automatic Document Feeder (ADF), automatic two-sided printing
Paper handling output, optional	Optional 900-sheet, 3-bin stapling mailbox
Paper handling output, standard	500-sheet output bin
Paper trays, maximum	5

Paper trays, standard	3
Ports	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 FIH
Post warranty repair & maintenance	Please consult web site http://www.hp.com/support
Power	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)
Print Technology	Laser
Print colors	Yes
Print languages	HP PCL 6, HP PCL 5, HP postscript level 3 emulation, PDF, PDF and AirPrint (URF and PDF)
Print quality black (normal)	Up to 600 x 600 dpi
Print speed duplex (A4)	Up to 38 ipm
Print speed duplex (A4)	Up to 38 ipm
Print speed duplex (letter)	Up to 40 ipm
Print speed duplex (letter)	Up to 40 ipm
Print technology	Laser
Printer Management	HP Web Jetadmin; HP Utility (Mac)
Printer black pages (MPV black)	2400
Printer color pages (MPV color)	1600
Processor speed	800 Mhz
Product logos	Energy Star; Blue Angel, Easy Access USB; Windows 7, Windows 8, Mac, ePrint
Product long name specifications	HP Color LaserJet Enterprise MFP M680f
Quantity per pallet	1
RMN number	BOISB-1312-02
Recommended media weight (duplex)	16 to 32 lb (plain); 28 to 58 lb (glossy)
Recommended media weight (duplex)	60 to 120 g/m ² (plain); 105 to 220 g/m ² (glossy)
Recommended monthly page volume	3000 to 17,000
Recommended monthly page volume note	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.
Recommended monthly scan volume	14,250 to 23,750

Recommended operating humidity range	30 to 70% RH
Recommended operating temperature range	17 to 25°C
Recommended operating temperature range	62.6 to 77°F
Replacement cartridges footnote	Average 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
Replacement product number	CC420A
Resolution	Up to 600 dpi
Resolution (black and white, standard mode)	100 x 100 dpi
Resolution (black and white, superfine mode)	300 x 300 dpi, 256 levels of gray
Right margin (A4)	4.3 mm
Safety	IEC 60950-1:2005 +A1; EN60950-1: 2006 +A11:2009 +A1:2010 +A12:2011; IEC 60825-1:2007 (Class 1 Laser/Led Product); EN 60825-1:2007 (Class 1 Laser/LED Product); UL/cUL Listed (USA/Canada); GS Certificate (Germany, Europe); IEC 62479:2010; EN 62479:2010; Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries
Scan resolution, hardware	Up to 600 x 600 dpi
Scan resolution, optical	Up to 600 dpi
Scan size (ADF), maximum	216 x 356 mm
Scan size (ADF), maximum	8.5 x 14 in
Scan size (ADF), minimum	68 x 148 mm
Scan size (ADF), minimum	2.7 x 5.8 in
Scan size, maximum	216 x 356 mm
Scan size, maximum	8.5 x 14 in
Scan speed duplex (normal, A4)	Up to 60 ipm (b&w), up to 45 ipm (color)
Scan speed duplex (normal, letter)	Scan Speed Duplex (normal, letter)
Scan speed footnote	Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

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

Standard media sizes (duplex)

A4; A5; B5 (JIS); 16K

Standard media sizes (duplex, imperial)

Letter; legal; executive; 8.5 x 13 in

Standard output capacity (envelopes)

Up to 75 envelopes

Standard output capacity (transparencies)

Up to 200 sheets

Storage device and direct print support

Storage devices not supported

Storage temperature range

0 to 35°C

Storage temperature range

32 to 95°F

Sub-brand name

Color LaserJet Enterprise MFP

SureSupply supported

Yes

Target user and print volume

For teams over 25 users; Prints up to 17,000 pages/month

Tariff numbers

8443310000 (Nat HTS); 8443310000 (AM-Base-HTS); 8443318000 (EU-Base-HTS); 84433130 (AP-Base-HTS)

Telecom compliance (fax capability)

Fax Telecom: ES 203 021; R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe); FCC Part 68; Industry Canada CS03; NOM-151-SCTI-1999 (Mexico); PTC-200 (New Zealand); other Telecom approvals as required by individual countries

Telephone handset supported

No

Top key features

100-sheet ADF; Scan to email/PDF; Two-sided printing

Top margin (A4)

4.3 mm

Typical electricity consumption (TEC) number

5.687 kWh/Week

UNSPSC code

43212105

UPC number

(BGJ) 887111994851

Waste electrical and electronic weight

77.9 kg

Web address for additional information

Solutions: <http://www.hp.com/go/gsc>;
http://www.hp.com/go/webjetadmin; Fonts and IPDS Emulation:
<http://www.hp.com/go/laserjetfonts>; Services:
<http://www.hp.com/services/printer>; Paper: <http://www.hp.com/go/paper>

Ink/Toner/Paper/Printer Supplies

HP Maintenance Kits

★ : Recommended

HP ScanJet Maintenance Kits

HP 100 ADF Roller Replacement Kit	L2718A ★
HP 100 ADF Roller Replacement Kit	L2718A

HP Laser Toner Cartridges and Kits

HP Color Laser Toner Printer Cartridges

HP 648A Toner Collection Unit	CE265A ★
HP Color LaserJet CE246A 110V Fuser Kit	CE246A ★
HP Color LaserJet CE249A Image Transfer Kit	CE249A ★
HP 648A Toner Collection Unit	CE265A
HP 652A Black Original LaserJet Toner Cartridge	CF320A
HP 653A Cyan Original LaserJet Toner Cartridge	CF321A
HP 653A Magenta Original LaserJet Toner Cartridge	CF323A
HP 653A Yellow Original LaserJet Toner Cartridge	CF322A
HP 653X High Yield Black Original LaserJet Toner Cartridge	CF320X
HP Color LaserJet CE246A 110V Fuser Kit	CE246A
HP Color LaserJet CE247A 220V Fuser Kit	CE247A
HP Color LaserJet CE249A Image Transfer Kit	CE249A

HP Business Papers

HP Business Papers for laser

HP Enhanced Business Paper, Glossy, 150 g/m ² , A4 (210 x 297 mm), 150 sheets	CG965A
HP Everyday Business Paper, Glossy, 32 lb, 11 x 17 in. (279 x 432 mm), 150 sheets	4WN07A
HP Everyday Business Paper, Glossy, 32 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	4WN08A
HP Professional Business Paper, Glossy, 52 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	4WN10A
HP Professional Business Paper, Matte, 52 lb, 8.5 x 11 in. (216 x 279 mm), 150 sheets	4WN05A

Accessories

Paper Handling

★ : Recommended

Staple Cartridges

HP Staple Cartridge Refill	C8091A ★
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Accessory Bundles

Printer Accessibility Accessories

HP Accessibility Kit	2TD64A ★
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Network Print Servers

Wireless Print Servers

HP Jetdirect 2700w USB Wireless Print Server	J8026A ★
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External Print Servers

HP Jetdirect 2800w NFC/Wireless Direct Accessory	J8029A ★
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Security and Protection

Smart Cards and SmartCard Readers

HP USB Universal Card Reader	X3D03A ★
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HP SmartCard NIPRNet Solution for US Government	CC543B
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Security Devices

HP Trusted Platform Module Accessory	F5S62A
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Fonts

Barcodes

HP BarCode Printing Solution	HG271TT
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HP Barcodes and More Printing Solution for USB version 2 slot based LaserJet	HG281TS
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HP Scalable Barcodes Printing Solution for USB version 2 slot based LaserJet	HG282TT
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Solutions

Imaging and Printing Solutions

★ : Recommended

Printing SW Solution Licenses

HP HID Mobile Access Mifare DES Fire Keystroking Reader	35H11A ★
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HP Document and Workflow Solutions

JetAdvantage Printing Security

Celiveo Enterprise	HP3PCELIVEO
HP Access Control Secure Printing and Job Accounting Solution	HPACOLUTION
HP Proximity Card Reader	HPPROXIMTYRDR
HP Secure Print and Insights	HPJETADSECUREPRINT
HP Security Manager	HPJETADSECMGR
Kofax SafeCom Security and Job Accounting Solution	HPNSAFECOMSOL
Pharos Blueprint	HP3PHAROSBPRNT

JetAdvantage Printer Workflow

HP Capture and Route	HPCAPTANDROUTE
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JetAdvantage Print Management

HP Universal Print Driver	HPUNIVPRNTDRV
HP Web Jetadmin	HPWEBJETADMIN
Kofax ControlSuite	HP_CSUITE
LRS VPSX for Output Management	HP3PLRS

JetAdvantage Mobile Printing

ePRINTit	HP3PEPRINTIT
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