



Color LaserJet Pro MFP M177fw

This affordable HP Color LaserJet Pro MFP brings vibrant color printing in-house, and boosts productivity with Ethernet connectivity. Enable easy printing at work, home, or on the go with mobile printing features.¹

Print speed:⁴ Black: Up to 17 ppm; Color: Up to 4 ppm
Scan resolution: Up to 1200 x 1200 dpi (hardware); Up to 1200 x 1200 dpi (optical)
Copy resolution: Black (text): Up to 300 x 300 dpi; **Black (graphics):** Up to 400 x 600 dpi; **Color (text and graphics):** Up to 300 x 300 dpi
Display: 3.0" LCD (color graphics)
Standard connectivity: Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port; Wireless 802.11b/g/n
Duty cycle:⁵ Up to 20,000 pages



Small size, big value



- Impress with professional color—show your best work with vivid documents and keep black printing costs low.
- Hit the ground running. Get started fast with HP Smart Install—no CD needed.³
- Go from zero to the first print out in a matter of seconds.
- Speed through document tasks. Set the pace for success with an MFP that prints, copies, and scans—fast.



Easy control, at your fingertips

- Easily copy both sides of a two-sided ID or other small document onto the front of a single-page.

Print on your terms

- Print from virtually anywhere with Apple® AirPrint™.²
- Print from your mobile device with built-in print capability or the HP ePrint app and software.¹

¹Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to the printer. Wireless performance is dependent on physical environment and distance from the 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 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/mobileprinting for more details. ²Supports OS X® Lion, OS X Mountain Lion and the following devices running iOS 4.2 or later: iPad® (all models), iPhone® (3GS or later), and iPod touch® (third generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your OS X or iOS device. Wireless performance is dependent on physical environment and distance from the access point. OS X, iPad, iPhone, and iPod touch are trademarks of Apple® Inc., registered in the United States and other countries. AirPrint™ and the AirPrint logo are trademarks of Apple Inc. ³HP Smart Install works with Microsoft® Windows® only. ⁴Exact speed varies depending on the system configuration, software program, and document complexity. ⁵Duty 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.



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TECHNICAL SPECIFICATIONS

AIO functions	Print, copy, scan, fax; AIO multitasking supported: Yes
Duplex print options	Manual (driver support provided)
Print speed¹	Black: Up to 17 ppm; Color: Up to 4 ppm; First Page Out: As fast as 16 sec (black), As fast as 27.5 sec (color)
Print resolution	Black (best): Up to ImageRet 2400; Color (best): Up to ImageRet 2400
Print technology	Laser
Print resolution technologies	600 x 600, HP ImageRet 2400
Print cartridges number	4 (1 each black, cyan, yellow, magenta), 1 imaging drum
Printer smart software features	Smart Install, HP Auto-On/Auto-Off
Mobile printing capability²	HP ePrint, Wireless direct printing, Apple AirPrint™, Mobile Apps
Printer management	Windows: HP Device Toolbox, Status Alerts (default install); Mac: HP Utility
Scan type	Flatbed, ADF
Scan speed³	Up to 7.5 ipm (b&w), up to 5.5 ipm (color)
Scan resolution	Enhanced: Up to 1200 dpi; Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi
Scan technology	Contact Image Sensor (CIS)
Scan file format	Windows Scan SW supports file format: JPG, RAW(BMP), PDF, TIFF, PNG; Mac Scan SW supports file format: TIFF, PNG, JPEG, JPEG-2000, PDF, PDF Searchable, RTF, TXT
Scan input modes	Scanning via HP LaserJet scan application or TWAIN—or WIA-compliant application software
Scan size maximum	ADF: 8.5 x 14 in (216 x 356 mm); Flatbed: 8.5 x 11.7 in (216 x 297 mm)
Twain version	Version 1.9
Bit depth/Grayscale Levels	24-bit/256
Copy speed⁴	Black (Letter): Up to 17 cpm; Color (Letter): Up to 4 cpm First Copy Out Black: As fast as 15 sec (flatbed); as fast as 23 sec (ADF); First Copy Out Color: As fast as 28 sec (flatbed); as fast as 35.5 sec (ADF)
Copy resolution	Black (text): Up to 300 x 300 dpi; Black (graphics): Up to 400 x 600 dpi; Color (text and graphics): Up to 300 x 300 dpi
Max number of copies	Up to 99 copies
Copier resize	25 to 400%
Copier settings	Number of copies; Lighter/Darker; Reduce/Enlarge; Optimize (draft, text, mixed, picture); Paper Size, Collation
Copier smart software features	Up to 99 multiple copies; Reduce/Enlarge from 25% to 400%; Contrast (lighter/darker); Resolution (copy quality), ID Copy
Digital sending standard features	Scan to E-mail by HP SW; scan to application by HP SW; scan to file by HP SW
Fax speed⁵	3 sec per page; 33.6 kbps
Fax resolution	Black (best): Up to 300 x 300 dpi; Black (standard): 203 x 98 dpi; Black and white (fine): 203 x 196 dpi, 256 levels of gray; Black and white (superfine): 300 x 300 dpi or 203 x 392 dpi, 256 levels of gray; Black photo grayscale: 300 x 300 dpi (halftone)
Fax smart software features	Fax address book; LAN/Internet fax; Speed-dial; TAM interface
Fax features	Auto fax reduction supported: Yes; Auto-redialing: Yes; Fax delayed sending: Yes; Distinctive ring detection supported: Yes; Fax forwarding supported: Yes; Fax phone TAM interface supported: Yes; Fax polling supported: Yes; Junk barrier supported: Yes; Maximum speed dialing numbers: Up to 100 numbers; PC interface supported: Yes; Remote retrieval capability supported: Yes; Telephone handset supported: No
Standard connectivity	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port; Wireless 802.11b/g/n
Network capabilities	Via built-in 10/100Base-T TCP/IP networking
Network Ready	Standard (built-in Fast Ethernet, WiFi 802.11 b/g/n)
Wireless capability	Yes, built-in WiFi 802.11b/g/n, WPA/WPA2
Modem	33.6 kbps
Memory	128 MB
Processor speed	600 MHz
Duty cycle (monthly)⁶	Up to 20,000 pages
Recommended monthly page volume⁷	250 to 950 pages
Paper handling	150-sheet input tray; 100-sheet face-down bin, 50-sheet face-down bin Input capacity: Up to 150 sheets, Up to 10 envelopes Output capacity: Up to 50 sheets, Up to 10 envelopes, Up to 15 sheets transparencies

For more information visit our website at hp.com

HP Color LaserJet Pro MFP M177fw Product Number: CZ165A
ENERGY STAR[®] qualified models; see: hp.com/go/energystar.

¹Exact speed varies depending on the system configuration, software program, and document complexity. ²May require a firmware upgrade to be compatible, download at hp.com/go/support. ³Scan speeds of up to 7.5 ipm (b&w), up to 5.5 ipm (color) measured from ADF. The listed scan speeds are the rate at which the device operates, no matter what type of image is scanned. The resulting time to the scan appearing on the host will be a function of PC speed, network speed, and file size. The file size will be determined by the image content of the scanned target. Generally, the more image content, the larger the file size and a resulting increase in scanning time. ⁴First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see hp.com/products1/ISO/digital_copy/index.html. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁵Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. ⁶Duty 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. ⁷HP recommends that the number of pages per month of imaged output be within the standard range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. ⁸Replacement cartridge average composite (C/Y/M) declared yield ~1000 and average black yield ~1300 pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see hp.com/go/learnaboutsupplies. Imaging drum yield is ~14,000 pages when printing in black; ~7000 pages when printing in color; ~9000 to 10,000 pages when printing in average customer conditions. Pages may vary based on customer printing conditions and usage. ⁹Values subject to change. Power numbers are the highest values measured using all standard voltages. See hp.com/support for current information. 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. ¹⁰Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: Color LaserJet Pro MFP M177fw, simplex printing with A4 paper. Color LaserJet Pro MFP M177fw, ADF copy and print simplex using A4 paper.

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Media type	Cut sheet paper, Label, Glossy paper, Envelopes, Post card, OHT, glossy film, 4 x 6 in photo paper
Media weight	16 to 58 lb (bond)
Media sizes custom	3 x 5 to 8.5 x 14 in (76 x 127 to 216 x 356 mm)
Media sizes standard	Letter, legal, executive, 4 x 6 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 10, Monarch)
Auto document feeder capacity	Standard, 35 sheets
Dimensions (W x D x H)	16.7 x 16.7 x 13 in (423 x 425 x 335 mm); Max: 16.7 x 19 x 13 in (423 x 484 x 335 mm)
Weight	35 lb (16 kg)
What's in the box	HP Color LaserJet Pro MFP M177fw; Preinstalled introductory HP LaserJet Black, Cyan, Yellow, Magenta print cartridges (~500 pages); Installation guide, Getting Started guide, User's Guide, Support flyer, Warranty guide; Printer documentation and software on CD; power cord; USB cable; Phone cord
Replacement cartridges⁸	HP 130A Black LaserJet Toner Cartridge (~1300 yield), CF350A HP 130A Cyan LaserJet Toner Cartridge (~1000 yield), CF351A HP 130A Yellow LaserJet Toner Cartridge (~1000 yield), CF352A HP 130A Magenta LaserJet Toner Cartridge (~1000 yield), CF353A HP 126A LaserJet Imaging Drum, CE314A
Accessories	HP 1200w NFC/Wireless Mobile Print Accessory E5K46A
Warranty features	One-year limited warranty
Compatible operating systems	Full software installs supported on: Windows 8 (32-bit/64-bit), Windows 7 (32-bit/64-bit), Windows Vista (32-bit/64-bit), Windows XP (32-bit) (SP2 or higher); Driver only installs supported on: Windows 2012; Windows Server 2008 (32-bit/64-bit), Windows Server 2008 R2 (x64) (SP1), Windows Server 2008 (Standard Edition), Windows Server 2008 (Enterprise Edition), Windows Server 2003 (32-bit/64-bit) (SP1 or higher), Windows XP (64-bit) (SP2 or higher); Mac OS X v 10.6.8 or higher; Linux: Please check Linux on-line support: hplipopensource.com/hplip-web/install.html
Minimum system requirements	PC: Windows 8 (32/64-bit), Windows 7 (32/64-bit), Windows Vista (32/64-bit), Windows XP 32-bit (SP2 or higher); Minimum hard disk space required (CD and Web Package) 200MB; Minimum hard disk space required (Box Spec for Smart Install) 400MB; Minimum RAM installed 512MB CD-ROM/DVD or internet, USB or Network port; Mac: Mac OS X v 10.6; PowerPC G4, G5, or Intel Core™ Processor; 500 MB available hard disk space; CD-ROM/DVD-ROM or Internet; USB or Network port
Fonts and typefaces	Depend on Operating System fonts and typefaces
Control panel	3.0 in 960 x 240 pixel backlit graphical display; touchscreen; buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error, Wireless)
Display	3.0-in LCD (color graphics)
Power	Power supply type: Built-in power supply Power supply required: Input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz) Power consumption⁹ 290 watts (Printing), 200 watts (Copying), 9.2 watts (Ready), 1.3 watts (Sleep/Auto-Off), 0.2 watts (Manual Off) Typical electricity consumption (TEC) number: 0.713 kWh/Week
Software included	Windows: HP Installer/Uninstaller, HP PCLn5 print driver, HP WIA Scan Driver, HP TWAIN Scan Driver, HP Scan, HP Fax Setup Wizard, HP Send Fax, Status Alerts, HP Update, DXP; Mac: HP Installer/Uninstaller, HP Postscript driver, HP Scan, HP Setup Assistant, HP Fax Print Driver, HP Utility, HP Alerts, HP Firmware Updater.
Acoustic¹⁰	Acoustic power emissions: 6.2 B(A) Acoustic power emissions (active copy): 6.6 B(A) Acoustic power emissions (active scan): 6.4 B(A) Acoustic power emissions (ready): Inaudible Acoustic pressure emissions bystander (active copy): 53 dB(A) Acoustic pressure emissions bystander (active scan): 50 dB(A) Acoustic pressure emissions bystander (active, printing): 49 dB(A) Acoustic pressure emissions bystander (ready): Inaudible
Operating environment	Operating temperature range: 50 to 86° F (15 to 30° C) Recommended operating temperature range: 63.5 to 77° F (17.5 to 25° C) Storage temperature range: -4 to 140° F (-20 to 60° C) Non-Operating humidity range: 10 to 95% RH Operating humidity range: 10 to 80% RH Recommended operating humidity range: 30 to 70% RH
Security Management	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change
HP Services and Support Options	HP 2 Year Care Pack Business Priority Support with Next Business Day Exchange, UQ223E HP 3 Year Care Pack Business Priority Support with Next Business Day Exchange, UQ224E HP 4 Year Care Pack Business Priority Support with Next Business Day Exchange, UQ225E HP 2 Year Care Pack Business Priority Support with Onsite Exchange, U6M44E HP 3 Year Care Pack Business Priority Support with Onsite Exchange, U6M45E HP 4 Year Care Pack Business Priority Support with Onsite Exchange, U6M46E HP Basic Installation Service for one consumer printer with wireless capability, US284E HP Premium Installation Service with wireless network setup for up to three PCs and/or printers, US285E

