



# 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.<sup>1</sup>

**Print speed:**<sup>4</sup> 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:**<sup>5</sup> 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.<sup>3</sup>
- 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™.<sup>2</sup>
- Print from your mobile device with built-in print capability or the HP ePrint app and software.<sup>1</sup>

<sup>1</sup>Local 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](http://hp.com/go/mobileprinting) for more details. <sup>2</sup>Supports 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. <sup>3</sup>HP Smart Install works with Microsoft® Windows® only. <sup>4</sup>Exact speed varies depending on the system configuration, software program, and document complexity. <sup>5</sup>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.



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## TECHNICAL SPECIFICATIONS

<b>AIO functions</b>	Print, copy, scan, fax; <b>AIO multitasking supported:</b> Yes
<b>Duplex print options</b>	Manual (driver support provided)
<b>Print speed<sup>1</sup></b>	<b>Black:</b> Up to 17 ppm; <b>Color:</b> Up to 4 ppm; <b>First Page Out:</b> As fast as 16 sec (black), As fast as 27.5 sec (color)
<b>Print resolution</b>	<b>Black (best):</b> Up to ImageRet 2400 ; <b>Color (best):</b> Up to ImageRet 2400
<b>Print technology</b>	Laser
<b>Print resolution technologies</b>	600 x 600, HP ImageRet 2400
<b>Print cartridges number</b>	4 (1 each black, cyan, yellow, magenta), 1 imaging drum
<b>Printer smart software features</b>	Smart Install, HP Auto-On/Auto-Off
<b>Mobile printing capability<sup>2</sup></b>	HP ePrint, Wireless direct printing, Apple AirPrint™
<b>Printer management</b>	<b>Windows:</b> HP Device Toolbox, Status Alerts (default install); <b>Mac:</b> HP Utility
<b>Scan type</b>	Flatbed, ADF
<b>Scan speed<sup>3</sup></b>	Up to 7.5 ipm (b&w), up to 5.5 ipm (color)
<b>Scan resolution</b>	<b>Enhanced:</b> Up to 1200 dpi; <b>Hardware:</b> Up to 1200 x 1200 dpi; <b>Optical:</b> Up to 1200 dpi
<b>Scan technology</b>	Contact Image Sensor (CIS)
<b>Scan file format</b>	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
<b>Scan input modes</b>	Scanning via HP LaserJet scan application or TWAIN—or WIA-compliant application software
<b>Scan size maximum</b>	<b>ADF:</b> 8.5 x 14 in (216 x 356 mm); <b>Flatbed:</b> 8.5 x 11.7 in (216 x 297 mm)
<b>Twain version</b>	Version 1.9
<b>Bit depth/Grayscale Levels</b>	24-bit/256
<b>Copy speed<sup>4</sup></b>	<b>Black (Letter):</b> Up to 17 cpm; <b>Color (Letter):</b> Up to 4 cpm <b>First Copy Out Black:</b> As fast as 15 sec (flatbed); as fast as 23 sec (ADF); <b>First Copy Out Color:</b> As fast as 28 sec (flatbed); as fast as 35.5 sec (ADF)
<b>Copy resolution</b>	<b>Black (text):</b> Up to 300 x 300 dpi; <b>Black (graphics):</b> Up to 400 x 600 dpi; <b>Color (text and graphics):</b> Up to 300 x 300 dpi
<b>Max number of copies</b>	Up to 99 copies
<b>Copier resize</b>	25 to 400%
<b>Copier settings</b>	Number of copies; Lighter/Darker; Reduce/Enlarge; Optimize (draft, text, mixed, picture); Paper Size, Collation
<b>Copier smart software features</b>	Up to 99 multiple copies; Reduce/Enlarge from 25% to 400%; Contrast (lighter/darker); Resolution (copy quality), ID Copy
<b>Digital sending standard features</b>	Scan to E-mail by HP SW; scan to application by HP SW ; scan to file by HP SW
<b>Fax speed<sup>5</sup></b>	3 sec per page; 33.6 kbps
<b>Fax resolution</b>	<b>Black (best):</b> Up to 300 x 300 dpi; <b>Black (standard):</b> 203 x 98 dpi; <b>Black and white (fine):</b> 203 x 196 dpi, 256 levels of gray; <b>Black and white (superfine):</b> 300 x 300 dpi or 203 x 392 dpi, 256 levels of gray; <b>Black photo grayscale:</b> 300 x 300 dpi (halftone)
<b>Fax smart software features</b>	Fax address book; LAN/Internet fax; Speed-dial; TAM interface
<b>Fax features</b>	<b>Auto fax reduction supported:</b> Yes; <b>Auto-redialing:</b> Yes; <b>Fax delayed sending:</b> Yes; <b>Distinctive ring detection supported:</b> Yes; <b>Fax forwarding supported:</b> Yes; <b>Fax phone TAM interface supported:</b> Yes; <b>Fax polling supported:</b> Yes; <b>Junk barrier supported:</b> Yes; <b>Maximum speed dialing numbers:</b> Up to 100 numbers; <b>PC interface supported:</b> Yes; <b>Remote retrieval capability supported:</b> Yes; <b>Telephone handset supported:</b> No
<b>Standard connectivity</b>	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port; Wireless 802.11b/g/n
<b>Network capabilities</b>	Via built-in 10/100Base-T TCP/IP networking
<b>Network Ready</b>	Standard (built-in Fast Ethernet, WiFi 802.11 b/g/n)
<b>Wireless capability</b>	Yes, built-in WiFi 802.11b/g/n, WPA/WPA2
<b>Modem</b>	33.6 kbps
<b>Memory</b>	128 MB
<b>Processor speed</b>	600 MHz
<b>Duty cycle (monthly)<sup>6</sup></b>	Up to 20,000 pages
<b>Recommended monthly page volume<sup>7</sup></b>	250 to 950 pages

## For more information visit our website at [hp.com](http://hp.com)

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

<sup>1</sup>Exact speed varies depending on the system configuration, software program, and document complexity. <sup>2</sup>May require a firmware upgrade to be compatible, download [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies). <sup>3</sup>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. <sup>4</sup>Values subject to change. Power numbers are the highest values measured using all standard voltages. See [hp.com/support](http://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. <sup>5</sup>Acoustic values are subject to change. For current information see [hp.com/support](http://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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<b>Paper handling</b>	150-sheet input tray; 100-sheet face-down bin, 50-sheet face-down bin <b>Input capacity:</b> Up to 150 sheets, Up to 10 envelopes <b>Output capacity:</b> Up to 50 sheets, Up to 10 envelopes, Up to 15 sheets transparencies
<b>Media type</b>	Cut sheet paper, Label, Glossy paper, Envelopes, Post card, OHT, glossy film, 4 x 6 in photo paper
<b>Media weight</b>	16 to 58 lb (bond)
<b>Media sizes custom</b>	3 x 5 to 8.5 x 14 in (76 x 127 to 216 x 356 mm)
<b>Media sizes standard</b>	Letter, legal, executive, 4 x 6 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 10, Monarch)
<b>Auto document feeder capacity</b>	Standard, 35 sheets
<b>Dimensions (W x D x H)</b>	16.7 x 16.7 x 13 in (423 x 425 x 335 mm); <b>Max:</b> 16.7 x 19 x 13 in (423 x 484 x 335 mm)
<b>Weight</b>	35 lb (16 kg)
<b>What's in the box</b>	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
<b>Replacement cartridges<sup>8</sup></b>	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
<b>Accessories</b>	HP 1200w NFC/Wireless Mobile Print Accessory E5K46A
<b>Warranty features</b>	One-year limited warranty
<b>Compatible operating systems</b>	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 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: <a href="http://hplipopensource.com/hplip-web/install.html">hplipopensource.com/hplip-web/install.html</a>
<b>Minimum system requirements</b>	<b>PC:</b> 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; <b>Mac:</b> 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
<b>Fonts and typefaces</b>	Depend on Operating System fonts and typefaces
<b>Control panel</b>	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)
<b>Display</b>	3.0-in LCD (color graphics)
<b>Power</b>	<b>Power supply type:</b> Built-in power supply <b>Power supply required:</b> Input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz) <b>Power consumption:</b> <sup>9</sup> 290 watts (Printing), 200 watts (Copying), 9.2 watts (Ready), 1.3 watts (Sleep/Auto-Off), 0.2 watts (Manual Off) <b>Typical electricity consumption (TEC) number:</b> 0.713 kWh/Week
<b>Software included</b>	Windows: HP Installer/Uninstaller, HP PCLmS 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.
<b>Acoustic<sup>10</sup></b>	<b>Acoustic power emissions:</b> 6.2 B(A) <b>Acoustic power emissions (active copy):</b> 6.6 B(A) <b>Acoustic power emissions (active scan):</b> 6.4 B(A) <b>Acoustic power emissions (ready):</b> Inaudible <b>Acoustic pressure emissions bystander (active copy):</b> 53 dB(A) <b>Acoustic pressure emissions bystander (active scan):</b> 50 dB(A) <b>Acoustic pressure emissions bystander (active, printing):</b> 49 dB(A) <b>Acoustic pressure emissions bystander (ready):</b> Inaudible
<b>Operating environment</b>	<b>Operating temperature range:</b> 50 to 86° F (15 to 30° C) <b>Recommended operating temperature range:</b> 63.5 to 77° F (17.5 to 25° C) <b>Storage temperature range:</b> -4 to 140° F (-20 to 60° C) <b>Non-Operating humidity range:</b> 10 to 95% RH <b>Operating humidity range:</b> 10 to 80% RH <b>Recommended operating humidity range:</b> 30 to 70% RH
<b>Security Management</b>	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change
<b>HP Services and Support Options</b>	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, U5284E HP Premium Installation Service with wireless network setup for up to three PCs and/or printers, U6M46E <b>Print speeds up to 7.5 ipm (b&amp;w), up to 5.5 ipm (color) measured from ADF.</b> <sup>8</sup> Scan speeds of up to 7.5 ipm (b&w), up to 5.5 ipm (color) measured from ADF.