

# HP 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.
- 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.

# HP Color LaserJet Pro MFP M177fw Specifications Table

<b>Functions / Multitasking Supported</b>	Print, copy, scan, fax / Yes
<b>Print Speed</b>	<b>Letter:</b> Up to 17 ppm black; Up to 4 ppm <sup>1</sup> color <sup>2</sup> <b>First Page Out:</b> As fast as 16 sec black; As fast as 27.5 sec <sup>2</sup> color <sup>10</sup>
<b>Print Resolution</b>	<b>Black (best):</b> Up to 600 x 600 dpi quality (2400 dpi effective output with ImageREt 2400); <b>Color (best):</b> Up to 600 x 600 dpi quality (2400 dpi effective output with ImageREt 2400)
<b>Print Technology</b>	Laser
<b>Print Resolution Technologies</b>	HP ImageREt 2400
<b>Print Cartridges Number</b>	4 (1 each black, cyan, yellow, magenta), 1 imaging drum
<b>Standard Print Languages</b>	PCLm/PCLmS
<b>Printer Smart Software Features</b>	HP Auto-On/Auto-Off
<b>Printer Management</b>	Windows: HP Device Toolbox, Status Alerts (default install); Mac: HP Utility
<b>Scan Type / Technology</b>	Flatbed, ADF / Contact Image Sensor (CIS)
<b>Scan Resolution</b>	<b>Hardware:</b> Up to 1200 x 1200 dpi; <b>Optical:</b> Up to 1200 dpi
<b>Scan File Format</b>	Windows Scan Software supports file format: JPG, RAW (BMP), PDF, TIFF, PNG; Mac Scan Software 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</b>	<b>ADF:</b> 8.5 x 14 in Maximum; 6 x 4.5 in Minimum; <b>Flatbed:</b> 8.5 x 11.7 in
<b>Scan Speed</b>	Up to 7.5 ipm (b&w), up to 5.5 ipm (color) <sup>7</sup> 14
<b>Bit depth / Grayscale levels</b>	24-bit / 256
<b>Digital Sending Standard Features</b>	Scan to E-mail by HP Software; scan to application by HP Software; scan to file by HP Software
<b>Copy Speed</b>	<b>Black (letter):</b> Up to 17 cpm; <b>Color (letter):</b> Up to 4 cpm <sup>36</sup>
<b>Copy Resolution</b>	<b>Black (text and graphics):</b> Up to 300 x 300 dpi; Up to 400 x 600 dpi; <b>Color (text and graphics):</b> Up to 300 x 300 dpi
<b>Maximum 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>Fax Speed</b>	<b>Up to:</b> 33.6 kbps <sup>4</sup> ; <b>Letter:</b> 3 sec per page <sup>8</sup>
<b>Fax Resolution</b>	<b>Black (best):</b> Up to 300 x 300 dpi; <b>Black (standard):</b> 203 x 98 dpi
<b>Fax Smart Software Features</b>	Fax address book; LAN/Internet fax; Speed-dial; TAM interface
<b>Fax Features</b>	<b>Fax Memory:</b> Up to 500 pages; <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>Fax Telephone Mode 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 802.11 b/g/n
<b>Network Capabilities</b>	Via built-in Fast Ethernet 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 802.11 b/g/n
<b>Mobile Printing Capability</b>	HP ePrint, Wireless direct printing, Apple AirPrint <sup>16</sup> 55
<b>Memory</b>	<b>Standard:</b> 128 MB; <b>Maximum:</b> 128 MB
<b>Processor Speed</b>	600 MHz / <b>Hard disk:</b> No
<b>Duty Cycle</b>	<b>Monthly, letter:</b> Up to 20,000 pages <sup>61</sup>
<b>Recommended Monthly Page Volume</b>	250 to 950 <sup>712</sup>
<b>Media Types Supported</b>	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, transparencies, labels, envelopes
<b>Media Weight Supported</b>	16 to 58 lb (bond)
<b>Media Sizes Supported</b>	Letter, legal, executive, 4 x 6 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 10, Monarch)
<b>Media Sizes Custom</b>	3 x 5 to 8.5 x 14 in
<b>Paper Handling</b>	150-sheet input tray; 50-sheet face-down bin; <b>Duplex Options:</b> Manual (driver support provided); <b>Auto Document Feeder Capacity:</b> Standard, 35 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 1; <b>Input Capacities:</b> Up to 150 sheets; <b>Output Capacities:</b> Up to 50 sheets; Up to 10 envelopes; Up to 15 sheets
<b>What's in the box</b>	<b>CZ165A</b> HP LaserJet Pro Color 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 software and documentation on CD; Power cord; USB cable; Phone cord
<b>Replacement Cartridges</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 <sup>83</sup>

<b>Product Dimensions</b>	<b>W x D x H:</b> 16.7 x 16.7 x 13 in; <b>Maximum:</b> 16.7 x 19 x 13 in
<b>Product Weight</b>	35 lb <sup>1</sup>
<b>Warranty Features</b>	One-year limited warranty
<b>Energy Efficiency Compliance</b>	ENERGY STAR <sup>®</sup> qualified
<b>Control Panel</b>	3.0-in (7.62-cm) 960 x 240 pixel backlit CGD (Color Graphics Display); touchscreen; buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error, Wireless)
<b>Display Description</b>	3.0-in (7.62-cm) touchscreen CGD (Color Graphics Display)
<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 PCLmS driver, HP Scan, HP Setup Assistant, HP Fax Print Driver, HP Utility, HP Alerts, HP Firmware Updater
<b>Fonts and Typefaces</b>	Depend on OS fonts and typefaces
<b>Compatible Operating Systems</b>	Full software installs supported on: Windows 10 (32-bit/64-bit), 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: <a href="http://www.hpipopensource.com/hplip-web/install.html">http://www.hpipopensource.com/hplip-web/install.html</a> <sup>15</sup>
<b>Compatible Network 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) (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: <a href="http://www.hpipopensource.com/hplip-web/install.html">http://www.hpipopensource.com/hplip-web/install.html</a>
<b>Minimum System Requirements</b>	<b>PC:</b> Windows 10 (32-bit/64-bit), 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); hard disk space required (CD and Web Package) 200 MB; 400 MB hard disk space required; RAM installed 512 MB CD-ROM/DVD or Internet, USB or Network port; <b>MAC:</b> Mac OS X v 10.6; PowerPC G4, G5, or Intel <sup>®</sup> Core <sup>™</sup> Processor; 500 MB available hard disk space; CD-ROM/DVD-ROM or Internet; USB or Network port
<b>Power</b>	<b>Power Supply Type:</b> Built-in power supply; <b>Power Requirements:</b> Input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz); Input Voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier); <b>Power Consumption:</b> 290 watts (Printing), 200 watts (Copying), 9.2 watts (Ready), 1.3 watts (Sleep/Auto-Off), 0.2 watts (Manual Off) <sup>92</sup>
<b>Acoustics</b>	<b>Acoustic Power Emissions:</b> 6.2 B(A); <b>Acoustic Pressure Emissions:</b> 49 dB(A) <sup>107</sup>
<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 50 to 86°F; <b>Recommended Operating Temperature:</b> 63.5 to 77°F; <b>Storage Temperature Range:</b> -4 to 140°F; <b>Non-Operating Humidity Range:</b> 10 to 95% RH; <b>Operating Humidity Range:</b> 10 to 80% RH; <b>Recommended Humidity Operating Range:</b> 30 to 70% RH
<b>Security Management</b>	Password-protected network embedded Web server; 802.11: WEP, WPA, WPA2; SNMPv1 community password change
<b>Accessories</b>	HP 1200w NFC/Wireless Mobile Print Accessory E5K46A
<b>HP Service and Support Options</b>	UQ223E - HP 2 Year Care Pack Business Priority Support with Next Business Day Exchange; UQ224E - HP 3 Year Care Pack Business Priority Support with Next Business Day Exchange; UQ225E - HP 4 Year Care Pack Business Priority Support with Next Business Day Exchange; U6M44E - HP 2 Year Care Pack Business Priority Support with Onsite Exchange; U6M45E - HP 3 Year Care Pack Business Priority Support with Onsite Exchange; U6M46E - HP 4 Year Care Pack Business Priority Support with Onsite Exchange; U5204E - HP Basic Installation Service for one consumer printer with wireless capability; U5285E - HP Premium Installation Service with wireless network setup for up to three PCs and/or printers

Learn more at [hp.com](http://hp.com)

<sup>1</sup>With print cartridges <sup>2</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>3</sup>Replacement 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/learnaboutsplies](http://hp.com/go/learnaboutsplies). 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>Introductory cartridges included; yields ~500 color composite (C/Y/M) and ~500 black pages based on ISO/IEC 19798 and continuous printing. Replacement 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/learnaboutsplies](http://hp.com/go/learnaboutsplies). 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>5</sup>May require a firmware upgrade to be compatible. download at [hp.com/go/support](http://hp.com/go/support) <sup>6</sup>First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see [hp.com/products/1/ISO/digital\\_copy/index.html](http://hp.com/products/1/ISO/digital_copy/index.html). Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>7</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. <sup>8</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages will take longer and use more memory. <sup>9</sup>Measured using ISO/IEC 24734, excludes first set of test documents. For more information see [hp.com/products/1/ISO/MDPPP/index.html](http://hp.com/products/1/ISO/MDPPP/index.html). Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>10</sup>Exact speed varies depending on the system configuration, software application, driver and document complexity. <sup>11</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. <sup>12</sup>HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. <sup>13</sup>HP SureSupply allows you to let's you 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. <sup>14</sup>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)

