Data sheet

HP Color LaserJet Pro MFP M177fw

Small size, big value

Ideal for businesses that want to boost productivity and print professional-quality marketing materials without leaving the office. This networked HP Color LaserJet Pro MFP prints, copies and scans in vibrant colour.

Highlights
- 7.6 cm colour touchscreen
- 35-page automatic document feeder
- HP ePrint, Apple AirPrint, Wireless direct printing
- HP Auto-On/Auto-Off Technology

Fit this compact, colour MFP in small spaces, and finish print jobs in fewer steps.

- Get brilliant, consistent colour using Original HP LaserJet print cartridges, and print crisp text at the same black cost-per-page as from a black-and-white HP LaserJet[2].

- Handle big copy jobs with the 35-page automatic document feeder, while you work on other business.

- Expand your media options with support for a wide variety of media types.

- Speed through document tasks: get the first print out in a matter of seconds. Set the pace for success with an MFP that prints, copies, scans and faxes fast.

Easy control at your fingertips.

- Set up each task with just a few simple taps on the 7.6 cm colour touchscreen, and access apps that make document management easier.

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

- Help save energy with HP Auto-On/Auto-Off Technology – intelligence that can turn your printer on when you need it and off when you don't[4].

Print on your terms.

- Print from virtually anywhere using your smartphone, tablet, and PC – with HP ePrint and Apple AirPrint[1,5].

- Extend your printing reach. Easily set up, print, and share using built-in Ethernet and wireless connectivity.

- Easily manage your MFP with convenient device management tools.

Product walkaround

HP Color LaserJet Pro MFP M177fw shown

1. 35-sheet automatic document feeder (M177fw model only)
2. Plate glass colour scanner handles up to 216 x 297mm (8.5 x 11.7 in) paper
3. 50-sheet face-down output bin
4. 7.6 cm (3 inch) touchscreen colour graphic display (M177fw model only)
5. 150-sheet input tray with removable dust cover
6. Integrated 802.11b/g/n wireless networking (M177fw model only)
7. Hi-Speed USB 2.0 printing port
8. Fast Ethernet network port for easy sharing
9. 600 MHz processor, 128 MB RAM
10. Fax port, RJ-11 (M177fw model only)
11. Power connection

Accessories, Supplies and Support

Accessories	**E5K46A** HP 1200w NFC/Wireless Mobile Print Accessory
Supplies	**CE314A** HP 126A LaserJet Imaging Drum 14,000 pages (black) 7,000 pages (colour)
	CF350A HP 130A Black Original LaserJet Toner Cartridge 1,300 pages
	CF351A HP 130A Cyan Original LaserJet Toner Cartridge 1,000 pages
	CF352A HP 130A Yellow Original LaserJet Toner Cartridge 1,000 pages
	CF353A HP 130A Magenta Original LaserJet Toner Cartridge 1,000 pages
	CG964A HP Professional Glossy Laser Paper 120 gsm-250 sht/A4/210 x 297 mm
	CG965A HP Professional Glossy Laser Paper 150 gsm-150 sht/A4/210 x 297 mm
	CHP110 HP Office Paper-500 sht/A4/210 x 297 mm
	CHP370 HP Color Laser Paper 90 gsm-500 sht/A4/210 x 297 mm
Service and support	**UX453E** - HP 3 year Care Pack w/Standard Exchange for Color LaserJet MFP Printers (Available in all Europe, Middle East, Africa countries) **UX435E** - HP 3 year Care Pack w/Next Business Day Exchange for Color LaserJet MFP Printers (Available in Austria, Baltics, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech, Greece, Hungary, Poland, Slovakia).

Technical specifications

Model	**HP Color LaserJet Pro MFP M177fw**
Product number	CZ165A
Functions	Print, copy, scan, fax
Control panel	7.6 cm touchscreen CGD (Colour Graphic Display), 960 x 240 pixel backlit; touchscreen: buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error, Wireless))

Print	
Print technology	Laser
Print speed	**Black (A4, normal):** Up to 16 ppm; **Colour (A4, normal):** Up to 4 ppm
First page out	**Black (A4, ready):** As fast as 16 sec; **Colour (A4, ready):** As fast as 27.5 sec
Print resolution	**Black (best):** Up to 600 x 600 dpi quality (2400 dpi effective output with ImageREt 2400); **Colour (best):** Up to 600 x 600 dpi quality (2400 dpi effective output with ImageREt 2400); **Technology:** HP ImageREt 2400
Monthly duty cycle	Up to 20000 pages (A4); Recommended monthly page volume: 250 to 950
Printer smart software features	HP Auto-On/Auto-Off
Standard print languages	PCLm/PCLmS
Fonts and typefaces	Depend on Operating System fonts and typefaces
Print area	**Print margins:** Top: 5 mm, Bottom: 5 mm, Left: 5 mm, Right: 5 mm; **Maximum print area:** 297 x 356 mm
Duplex printing	Manual (driver support provided)

Copy	
Copy speed	**Black (A4):** Up to 16 cpm; **Colour (A4):** Up to 4 cpm
Copier specifications	Number of copies; Lighter/Darker; Reduce/Enlarge; Optimise (draft, text, mixed, picture); Paper Size, Collation **Maximum number of copies:** Up to 99 copies; **Copy resolution:** Up to 400 x 600 dpi; **Reduce/Enlarge:** 25 to 400%

Scan	
Scan speed	**Normal (A4):** Up to 7.5 ipm (monochrome), up to 5.5 ipm (colour)
Scan file format	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
Scanner specifications	**Scanner type:** Flatbed, ADF **Scan technology:** Contact Image Sensor (CIS); **Scan input modes:** Scanning via HP LaserJet scan application or TWAIN—or WIA-compliant application software; **Twain version:** Version 1.9; **Duplex ADF scanning:** No; **Scan size maximum (flatbed, ADF):** 216 x 297 mm; **Optical scan resolution:** Up to 1200 dpi
Scannable area	**Maximum media size (flatbed):** 216 x 297 mm; **Minimum media size (ADF):** 152 x 114 mm; **Maximum media size (ADF):** 216 x 356 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	**Standard:** Scan to e-mail by HP Software; scan to application by HP Software ; scan to file by HP Software

Fax	
Fax	Yes, 33.6 kbps
Fax specifications	**Fax resolution:** Standard: 203 x 98 dpi; Fine: 203 x 196 dpi, 256 levels of grey; Superfine: 300 x 300 dpi, 256 levels of grey; **Quick dialing:** Up to 100 numbers; **Telecom compliance:** Wireless telecommunications: EU (R&TTE Directive 1999/5/EC, EN 301 489-1 V1.8.1:2008-04, EN 301 489-17 V2.1.1:2009-05, EN 300 328 V1.7.1:2006-10. Fax Telecom: ES 203 021; R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe); FCC Part 68; other Telecom approvals as required by individual countries
Fax smart software features	Fax address book; LAN/Internet fax; Speed-dial; TAM interface
Processor speed	600 MHz

Connectivity	
Standard	Hi-Speed USB 2.0 port; Built-in Fast Ethernet 10/100Base-TX network port; Wireless 802.11b/g/n
Wireless	Yes, built-in WiFi 802.11b/g/n
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing
Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: LPD (raw queue support only); Mopria, Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv1, HTTP; HP ePrint
Network capabilities	Yes, via built-in Fast Ethernet; Wireless 802.11b/g/n
Hard disk	None
Memory	**Standard:** 128 MB; **Maximum** : 128 MB

Media handling	
Number of paper trays	**Standard:** 1; **Maximum:** 1
Media types	Paper (bond, brochure, coloured, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, transparencies, labels, envelopes
Media size	**Custom (metric):** 76 x 127 to 216 x 356 mm **Supported (metric):** A4; A5; A6; B5; 10 x 15 cm; postcards (JIS single and double); envelopes (DL, C5, B5) **ADF:** A4
Media handling	**Standard input:** 150-sheet input tray **Standard output:** 50-sheet face-down output bin **ADF:** Standard, 35 sheets

Model	**HP Color LaserJet Pro MFP M177fw**
Product number	CZ165A
Media weight	Tray 1: Paper: 60 to 120 g/m²; envelopes: 60 to 90 g/m²; postcards: 135 to 176 g/m²; HP glossy media: 130 to 220 g/m²; **ADF:** Tray 1: Paper: 60 to 120 g/m²; envelopes: 60 to 90 g/m²; postcards: 135 to 176 g/m²; HP glossy media: 130 to 220 g/m²
Input capacity	**Tray 1:** sheets: 150; envelopes: 10 **Maximum:** Up to 150 sheets **ADF:** Standard, 35 sheets
Output capacity	**Standard:** Up to 50 sheets Envelopes: Up to 10 envelopes Transparencies: Up to 15 sheets **Maximum:** Up to 50 sheets
Compatible operating systems	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); Driver only installs supported on: Windows Server 2012, Windows Server 2008 (32-bit/64-bit), Windows Server 2008 R2 (x64) (SP1), Windows Server 2003 (32-bit/64-bit) (SP1 or higher); Mac OS X v10.6.8 or higher; Linux: please check Linux on-line support: http://www.hplipopensource.com/hplip-web/install.html
Compatible network 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 v10.6.8 or higher; Linux: Please check Linux on-line support: hplipopensource.com/hplip-web/install.html
Minimum system requirements	**Windows:** Windows 10 (32-bit/64-bit), Windows 8 (32-bit/64-bit), Windows 7 (32-bit/64-bit), Windows Vista (32-bit/64-bit): 200 MB available hard disk space (CD and Web Package), 400 MB hard disk space required, 512 MB RAM, CD-ROM/DVD or Internet, USB or network port; **Mac:** Mac OS X v10.6; PowerPC G4, G5, or Intel® Core™ Processor; 500 MB available hard disk space; CD-ROM/DVD-ROM or Internet; USB or Network port
Software included	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
Security management	Password-protected network embedded Web server; 802.11: WEP, WPA, WPA2; SNMPv1 community password change
Printer management	Windows: HP Device Toolbox, Status Alerts (default install); Mac: HP Utility
Dimensions and Weight	
Printer dimensions (W x D x H)	**Minimum:** 423 x 425 x 335 mm; **Maximum:** 423 x 484 x 335 mm
Package dimensions (W x D x H)	598 x 398 x 464 mm
Printer weight	16 kg
Package weight	19.6 kg
Operating environment	**Temperature:** 15 to 30ºC; **Humidity:** 30 to 70% RH
Storage	**Temperature:** -20 to 60ºC; **Humidity:** 10 to 95% RH
Acoustics	**Acoustic power emissions:** 6.2 B(A) **Acoustic pressure emissions:** 49 dB(A)
Power	**Requirements:** Input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) **Consumption:** 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):** 0.713 kWh/Week; **Power supply type:** Built-in power supply
Energy savings feature technology	HP Auto-On/Auto-Off Technology
Certifications	CISPR 22:2008/EN 55022:2010 - Class B, EN 61000-3-2:2006 +A1:2009 +A2:2009, EN 61000-3-3:2008, EN 55024:2010, FCC Title 47 CFR, Part 15 Class B / ICES-003, Issue 5, GB9254-2008, GB17625.1-2003, EMC Directive 2004/108/EC (Europe), other EMC approvals as required by individual countries. ENERGY STAR® qualified
What's in the box	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
Warranty	One-year 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.

Footnotes

[1] 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 for more details.

[2] Compared with HP LaserJet Pro MFP M125 and M127 series. Assuming customer is printing at least 30% of total pages in colour with content similar to the colour ISO/IEC 19798 test suite (iso.org/jtc1/sc28) and overall average job length of three pages. Yields established using ISO/IEC test standards. Actual yields and costs vary considerably depending on images printed, number of colour pages printed, and other factors.

[4] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

[5] 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.

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