

# HP Color LaserJet Pro MFP M176n



## Produce great results—with vivid colour

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

- HP ePrint, Apple AirPrint
- HP Auto-On/Auto-Off Technology

### Small size, big value – get a lot from just one device.

- Set up and start printing fast with an easy-to-use, intuitive control panel.
- 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 and scans fast.

### Handle your document essentials with a single, affordable HP Color LaserJet MFP.

- 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<sup>3</sup>.

### Print on your terms.

- Print from virtually anywhere with HP ePrint and Apple® AirPrint™<sup>4</sup>.
- Share printing resources with an Ethernet network.
- Easily connect the MFP directly to a PC via the included Hi-speed USB 2.0 port.



Auto On/Off Technology



Instant-on Technology



Excellent color print quality



HP ePrint



AirPrint



Print & Scan in Color

## Technical specifications

<b>Functions</b>	Print, copy, scan
<b>Print speed</b>	Up to 16 ppm <b>ISO black (A4)</b> ; Up to 4 ppm <b>ISO colour (A4)</b> Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <a href="http://hp.com/products/1/ISO/MMDP/index.html">hp.com/products/1/ISO/MMDP/index.html</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity. As fast as 16 sec <b>black (A4)</b> ; As fast as 27.5 sec <b>colour (A4)</b>
<b>Print resolution</b>	Up to 600 x 600 dpi quality (2400 dpi effective output with ImageREt 2400) <b>black</b> ; Up to 600 x 600 dpi quality (2400 dpi effective output with ImageREt 2400) <b>colour</b>
<b>Print technology</b>	Laser
<b>Print Area</b>	<b>Print margins:</b> Top: 5 mm Bottom: 5 mm Left: 5 mm Right: 5 mm <b>Maximum print area:</b> 297 x 356 mm
<b>Print languages</b>	PCLm/PCLm5
<b>Print cartridges number</b>	4 (1 each black, cyan, yellow, magenta), 1 imaging drum
<b>Copy Speed</b>	Up to 16 cpm
<b>Mobile printing capability</b>	HP ePrint, Apple AirPrint™, Mopria-certified
<b>Monthly duty cycle</b>	Up to 20000 pages (A4); <b>Recommended monthly page volume:</b> 250 to 950
<b>Automatic paper sensor</b>	No
<b>Processor speed</b>	600 MHz
<b>Display</b>	2-line, 16-character monochrome LCD backlight display
<b>Control Panel</b>	2-line LCD; 14 buttons (Up, Down, OK, Cancel, Back, Setup, Number of Copy, Dark/Light, Mono copy, Colour Copy, Copy Menu, ePrint, Cartridge Rotate, Power); 3 LED indicator lights (Attention, Ready, Power)
<b>Wireless</b>	No
<b>Connectivity</b>	<b>Standard:</b> Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port
<b>Network Capabilities</b>	Via built-in Fast Ethernet 10/100Base-TX networking
<b>Network ready</b>	Standard (built-in Fast Ethernet)
<b>Memory</b>	<b>Standard:</b> 128 MB; <b>Maximum:</b> 128 MB
<b>Hard Disk</b>	None
<b>Media types</b>	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, transparencies, labels, envelopes
<b>Media sizes</b>	<b>Supported:</b> A4, A5, A6, B5, 10 x 15 cm, postcards (US single and double); envelopes (DL, C5, B5) <b>Custom:</b> 76 x 127 to 216 x 356 mm
<b>Media Handling</b>	<b>Input capacity:</b> Up to 150 sheets <b>Output capacity:</b> Up to 50 sheets, Up to 10 envelopes <b>Duplex printing:</b> Manual (driver support provided)
<b>Paper weight</b>	Paper: 60 to 120 g/m <sup>2</sup> ; envelopes: 60 to 90 g/m <sup>2</sup> ; postcards: 135 to 176 g/m <sup>2</sup> ; HP glossy media: 130 to 220 g/m <sup>2</sup>
<b>Supported Network Protocols</b>	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Mopria, Web Services Printing; 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
<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); Driver only installs supported on: Windows Server 2012, Windows Server 2008 R2 (x64) (SP1), Windows Server 2008 (32-bit/64-bit), Windows Server 2008 (Standard Edition), Windows Server 2008 (Enterprise Edition), Windows Server 2003 (32-bit/64-bit) (SP1 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>Windows:</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); 200 MB available hard disk space (CD and Web Package), 400 MB available hard disk space required (Box Spec for Smart Install), 512 MB RAM installed, CD-ROM/DVD or Internet, USB or network port <b>Mac:</b> 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
<b>Multitasking supported</b>	Yes
<b>Duplex printing</b>	Manual (driver support provided)
<b>Printer smart software features</b>	HP Auto-On/Auto-Off
<b>Auto document feeder capacity</b>	None
<b>Copier settings</b>	Number of copies; Lighter/Darker; Reduce/Enlarge; Optimise (draft, text, mixed, picture); <b>Maximum number of copies:</b> Up to 99 copies; <b>Copy resolution:</b> Up to 400 x 600 dpi; <b>Copy resolution, color text and graphics:</b> Up to 300 x 300 dpi; <b>Copier resize:</b> 25 to 400%
<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>What's in the box</b>	<b>CF547A:</b> HP Color LaserJet Pro MFP M176n; 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
<b>Supplies</b>	<b>CF350A</b> HP 130A Black Original LaserJet Toner Cartridge 1,300 pages <b>CF351A</b> HP 130A Cyan Original LaserJet Toner Cartridge 1,000 pages <b>CF352A</b> HP 130A Yellow Original LaserJet Toner Cartridge 1,000 pages <b>CF353A</b> HP 130A Magenta Original LaserJet Toner Cartridge 1,000 pages <b>CE314A</b> HP 126A LaserJet Imaging Drum 14,000 pages (black) 7,000 pages (colour) For information on page yield, visit <a href="http://www.hp.com/go/learnaboutsupplies">www.hp.com/go/learnaboutsupplies</a> , or see product packaging
<b>Accessories</b>	<b>ESK46A</b> HP 1200w NFC/Wireless Mobile Print Accessory
<b>Scanner specifications</b>	<b>Scanner type:</b> Flatbed <b>Scan technology:</b> Contact Image Sensor (CIS) <b>Scan input modes:</b> Scanning via HP LaserJet scan application or TWAIN - or WIA-compliant application software <b>Twain version:</b> Version 1.9 <b>Duplex ADF scanning:</b> No <b>Scan size maximum (flatbed, ADF):</b> 216 x 297 mm; <b>Optical scan resolution:</b> Up to 1200 dpi
<b>Color Scanning</b>	Yes
<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 speed</b>	Up to 7.5 ipm (black and white); Up to 5.5 ipm (colour)
<b>Bit depth/ Greyscale levels</b>	24-bit/ 256
<b>Scannable area</b>	<b>Minimum media size:</b> 25.4 x 25.4 mm; <b>Maximum media size:</b> 216 x 297 mm
<b>Digital sending</b>	<b>Standard:</b> Scan to e-mail by HP Software; scan to application by HP Software; scan to file by HP Software
<b>Fax</b>	No
<b>Software included</b>	Windows: HP Installer/Uninstaller, HP PCLmS print driver, HP WIA Scan Driver, HP TWAIN Scan Driver, HP Scan, Status Alerts, HP Update, DXP; Mac: HP Installer/Uninstaller, HP PCLmS Print Driver, HP Scan, HP Setup Assistant, HP Utility, HP Alerts, HP Firmware Updater
<b>Security management</b>	Password-protected network embedded Web server; 802.11: WEP, WPA, WPA2; SNMPv1 community password change
<b>Printer management</b>	Windows: HP Device Toolbox, Status Alerts (default install); Mac: HP Utility
<b>Printer dimensions (W x D x H)</b>	423 x 425 x 280 mm
<b>Package dimensions (W x D x H)</b>	598 x 398 x 409 mm
<b>Printer Weight</b>	15 kg
<b>Package weight</b>	18.2 kg
<b>Operating environment</b>	<b>Temperature:</b> 15 to 30°C <b>Humidity:</b> 30 to 70% RH
<b>Storage</b>	<b>Temperature:</b> -20 to 60°C <b>Humidity:</b> 10 to 95% RH
<b>Acoustics</b>	<b>Acoustic power emissions:</b> 6.2 B(A) <b>Acoustic pressure emissions:</b> 49 dB(A)
<b>Power</b>	<b>Requirements:</b> Input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) <b>Consumption:</b> 300 watts (Printing), 140 watts (Copying), 8.3 watts (Ready), 1.0 watt (Sleep/Auto-Off), 0.1 watts (Manual-Off) Built-in power supply
<b>Certifications</b>	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. <b>Energy Star Qualified:</b> Yes
<b>Country of origin</b>	Made in China
<b>Warranty</b>	One-year commercial warranty. Warranty may vary by country as required by law.
<b>Service and support</b>	<b>UX453E</b> - HP 3 year Care Pack w/Standard Exchange for Color LaserJet MFP Printers (Available in all Europe, Middle East, Africa countries) <b>UX435E</b> - 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).

## Footnotes

<sup>1</sup> 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/itc1/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.; <sup>3</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.; <sup>4</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.



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