



# HP Color LaserJet Pro MFP M176n

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.



## 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.
- No delay – get started immediately with HP Smart Install – no CD needed<sup>1</sup>.
- Deliver beautiful colour documents – with the same great value for black printing as from a black-and-white printer<sup>2</sup>.
- 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.
- Print, copy, and scan in colour, and share these capabilities across the office using built-in Ethernet connectivity.
- 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.

- Enable easy printing from smartphones, tablets, and laptops at work or home.
- 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.



<sup>1</sup> HP Smart Install works with Microsoft® Windows® only. <sup>2</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/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. <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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## TECHNICAL SPECIFICATIONS

Functions	Print, copy, scan
Print Technology	Laser
Standard Printer Languages	PCLm/PCLmS
Print Speed	<b>A4 Black:</b> Up to 16 ppm; <b>First Page Out Black:</b> As fast as 16 sec <b>Colour (A4):</b> Up to 4 ppm; <b>First Page Out Colour:</b> As fast as 27.5 sec
Duplex Print Options	Manual (driver support provided)
Print Resolution	<b>Black (best):</b> Up to 600 x 600 dpi quality (2400 dpi effective output with ImageREt 2400); <b>Colour (best):</b> Up to 600 x 600 dpi quality (2400 dpi effective output with ImageREt 2400)
Print Technology Resolution	HP ImageREt 2400
Printer Smart Software Features	Smart Install, HP Auto-On/Auto-Off
Duty Cycle	<b>Monthly, A4:</b> Up to 20000 pages
Recommended Monthly Page Volume	250 to 950
Auto Document Feeder Capacity	None
Copy Speed	<b>Black (A4):</b> Up to 16 cpm; <b>Colour (A4):</b> Up to 4 cpm
Copy Resolution	<b>Black (text and graphics):</b> Up to 300 x 300 dpi; <b>Colour (text and graphics):</b> Up to 300 x 300 dpi
Maximum Number Of Copies	Up to 99 copies
Copier Resize	25 to 400%
Copier Settings	Number of copies; Lighter/Darker; Reduce/Enlarge; Optimise (draft, text, mixed, picture)
Copier Smart Software Features	Up to 99 multiple copies; Reduce/Enlarge from 25% to 400%; Contrast (lighter/darker); Resolution (copy quality), ID Copy
Scan Type	Flatbed <b>Duplex ADF scanning:</b> No
Color Scanning	Yes
Scan Resolution	<b>Hardware:</b> Up to 1200 x 1200 dpi; <b>Optical:</b> Up to 1200 dpi
Gray Scale Levels/Bit Depth	256; 24-bit
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
Scan Input Modes	Scanning via HP LaserJet scan application or TWAIN - or WIA-compliant application software
Twain version	Version 1.9
Scan Technology	Contact Image Sensor (CIS)
Scan Size Maximum	<b>Flatbed:</b> 216 x 297 mm
Digital Sending Standard Features	Scan to e-mail by HP Software; scan to application by HP Software ; scan to file by HP Software
Standard Connectivity	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port
Network Capabilities	Via built-in Fast Ethernet 10/100Base-TX networking
Supported Network Protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing; discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Stateless via DHCPv6); management: SNMPv1, HTTP
Wireless Capability	No
Mobile Printing Capability	HP ePrint, Apple AirPrint™
Control Panel	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)
Standard Memory	128 MB
Memory Upgrade	Not expandable
Processor Speed	600 MHz
Media Types Supported	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, transparencies, labels, envelopes
Media Sizes Supported	A4, A5, A6, B5, 10 x 15 cm, postcards (JIS single and double); envelopes (DL, C5, B5)
Custom Media Sizes	76 x 127 to 216 x 356 mm
Media Weights by Paper Path	<b>Tray 1:</b> 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
Print Handling	150-sheet input tray; 50-sheet face-down output bin; <b>Duplex Options:</b> Manual (driver support provided); <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 1; <b>Input Capacities:</b> Maximum input capacity: Up to 150 sheets, Up to 10 envelopes; <b>Output Capacities:</b> Maximum output capacity: Up to 50 sheets

<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>Accessories</b>	<b>ESK46A</b> HP 1200w NFC/Wireless Mobile Print Accessory
<b>Supplies</b>	<b>CF350A</b> HP 130A Black Original LaserJet Toner Cartridge Average continuous Black Cartridge yield 1300 standard pages. Declared yield value in accordance with ISO/IEC 19798. <b>CF351A</b> HP 130A Cyan Original LaserJet Toner Cartridge Average continuous composite Cyan/Yellow/Magenta Cartridge yield 1000 standard pages. Declared yield value in accordance with ISO/IEC 19798. <b>CF352A</b> HP 130A Yellow Original LaserJet Toner Cartridge Average continuous composite Cyan/Yellow/Magenta Cartridge yield 1000 standard pages. Declared yield value in accordance with ISO/IEC 19798. <b>CF353A</b> HP 130A Magenta Original LaserJet Toner Cartridge Average continuous composite Cyan/Yellow/Magenta Cartridge yield 1000 standard pages. Declared yield value in accordance with ISO/IEC 19798. <b>CE314A</b> HP 126A LaserJet Imaging Drum 14000 pages (black) 7000 pages (colour)
<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>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) (SP2 or higher); Driver only installs supported on: Windows Server 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: <a href="http://openoffice.org/hplip-web/install.html">hplipopensource.com/hplip-web/install.html</a>
<b>Minimum System Requirements</b>	<b>PC:</b> 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); 200 MB minimum hard disk space required (CD and Web Package); 400 MB minimum hard disk space required (Box Spec for Smart Install); 512 MB minimum 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>Printer Management</b>	Windows: HP Device Toolbox, Status Alerts (default install); Mac: HP Utility
<b>Security Management</b>	Password-protected network embedded Web server; 802.11: WEP, WPA, WPA2; SNMPv1 community password change
<b>Power</b>	<b>Power Supply Type:</b> Built-in power supply <b>Power Requirements:</b> Input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz) <b>Typical Electricity Consumption (TEC) Number:</b> 0.615 kWh/Week <b>Power Consumption description:</b> 300 watts (Printing), 140 watts (Copying), 8.3 watts (Ready), 1.0 watt (Sleep/Auto-Off), 0.6 watts (Manual-Off) <b>Energy savings feature technology:</b> HP Auto-On/Auto-Off Technology
<b>Acoustics</b>	<b>Acoustic Power Emissions:</b> 6.2 B(A) <b>Acoustic Pressure Emissions:</b> 49 dB(A)
<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 17.5 to 25°C <b>Recommended Operating Temperature:</b> 17.5 to 25°C <b>Storage Temperature Range:</b> -20 to 60°C <b>Recommended Humidity Operating Range:</b> 30 to 70% RH <b>Non-Operating Humidity Range:</b> 10 to 95% RH <b>Operating Humidity Range:</b> 10 to 80% RH
<b>Product 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>Safety certifications:</b> IEC 60950-1:2005 +A1 (International); EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 (EU); IEC 60825-1:2007; GS License (Europe); EN 60825-1:2007 (Class 1 Laser/LED Device); Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries.; <b>ENERGY STAR:</b> Yes
<b>Dimensions (W x D x H)</b>	<b>Product dimensions:</b> 423 x 425 x 280 mm <b>Product dimensions maximum:</b> 423 x 484 x 280 mm <b>Package dimensions:</b> 598 x 398 x 409 mm
<b>Product Weight</b>	15 kg
<b>Warranty</b>	One-year limited warranty. Warranty may vary by country as required by law. Go to <a href="http://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region.
<b>Country Of Origin</b>	Made in China
<b>Service And Support Options</b>	<b>UH761E</b> - HP 3 year Care Pack w/Standard Exchange for LaserJet Printers (Available in all Europe, Middle East, Africa countries) <b>UH757E</b> - HP 3 year Care Pack w/Next Day Exchange for LaserJet Printers (Austria, Baltics, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech, Greece, Hungary, Poland, Slovakia).

Count on dependable support to create the best image possible. We can help you enhance your printing and imaging environment, protect your IT investment, and grow your business—with expert support that's affordable, personal, and tailored to your needs through HP Care Pack Services.

For more information, visit our website at <http://www.hp.com>

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