HP Color LaserJet Pro MFP M176n

This affordable MFP brings vibrant colour printing in-house, and boosts productivity with printing, copying, and scanning on a shared network. Enable easy printing from smartphones, tablets, and laptops at work, home, or on the go.[1]

Small size, big value
- Control made easy. Just start printing, quick and easy—with the simple control panel.
- Hit the ground running. Get started fast with HP Smart Install—no CD needed.[3]
- 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.

All in one, one for all
- 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™.[2]
- Print from your mobile device with built-in print capability or the HP ePrint app and software.[1]

[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] 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.

[3] HP Smart Install works with Microsoft® Windows® only.

Technical specifications

AIO functions	Print, copy, scan; **AiO multitasking supported:** Yes
Print	
Duplex print options	Manual (driver support provided)
Speed[1]	**Black (A4):** Up to 16 ppm; **Colour (A4):** Up to 4 ppm
First page out	**Black (A4):** As fast as 16 sec; **Colour (A4):** As fast as 27.5 sec
Technology	Laser
Resolution	**Black (best):** Up to 2400 dpi (ImageRes); **Colour (best):** Up to 2400 dpi (ImageRes)
Print resolution technologies	600 x 600 dpi, HP ImageREt 2400
Print cartridges number	4 (1 each black, cyan, yellow, magenta), 1 imaging drum
Printer smart software features	Smart Install, HP Auto-On/Auto-Off
Mobile printing capability[2]	HP ePrint, Apple AirPrint™
Standard print languages	PCLm
Printer management	**Windows:** HP Device Toolbox, Status Alerts (default install); **Mac:** HP Utility
Scan	
Speed[3]	Up to 7.5 ipm (b&w), up to 5.5 ipm (colour)
Type	Flatbed
Technology	Contact Image Sensor (CIS)
Resolution	**Hardware:** Up to 1200 dpi; **Optical:** Up to 1200 dpi; **Enhanced:** Up to 1200 x 1200 dpi
File format	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
Input modes	Scanning via HP LaserJet scan application or TWAIN—or WIA-compliant application software
Scan size maximum	**Flatbed:** 216 x 297 mm (8.5 x 11.7 in)
Twain version	Version 1.9
Bit depth/Greyscale levels	24 bit/256
Copy	
Copy resolution	**Black (text and graphics):** Up to 600 x 600 dpi; **Colour (text and graphics):** Up to 600 x 600 dpi
Max number of copies	Up to 99 copies
Copier reduce enlarge	25 to 400%
Copier settings	Number of copies; Lighter/Darker; Reduce/Enlarge; Optimize (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
Connectivity	
Standard connectivity	Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port
Network capabilities	Via built-in 10/100 Base-TX networking
Network ready	Built-in Ethernet
Wireless capability	No
Memory	128 MB
Processor speed	600 MHz
Duty cycle[4]	Up to 20,000 pages
Recommended monthly page volume[5]	Up to 250 to 950 pages
Paper handling	
Input	Up to 150 sheets; 150-sheet input tray
Output	Up to 50 sheets; 50-sheet face-down bin
Media type	Cut sheet paper, Label, Glossy paper, Envelopes, Post card, OHT, glossy film, 4 x 6 in photo paper
Media weight	**Cut sheet paper:** 60 to 120 g/m² (Stretch Goal: -163 g/m²); **Envelopes:** 60 to 90 g/m²; **Post Cards:** 135 to 176 g/m² (36 to 47 #); **HP glossy media:** 130 to 220 g/m²
Supported media sizes	A4, A5, A6, B5, 16k, 10 x 15 cm, post cards (JIS single and double); envelopes (DL, C5, B5)
Dimensions (W x D x H)	423 x 425 x 280 mm
Weight	15 kg
What's in the box	HP Color LaserJet Pro MFP M176; Preinstalled introductory HP LaserJet Black, Cyan, Yellow, Magenta print cartridges (~500 pages); Imaging drum, Toner collection unit; Installation guide, Getting Started guide, User's Guide, Support flyer, Warranty guide; Printer documentation and software on CD-ROM; Software drivers and documentation on CD-ROMs (CDs containing software and electronic documentation); Power cord; USB cable
Warranty features	One-year limited warranty

Technical specifications

Compatible 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 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 v 10.6.8 or higher; Linux: Please check Linux on-line support: hplipopensource.com/hplip-web/install.html
Minimum system requirements	**PC:** 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; **Mac:** 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
Fonts and Typefaces	Depend on OS fonts and typefaces
Control panel	Dual digit numeric LED display; 14 buttons (Up, Down, OK, Cancel, Back, Setup, Number of Copy, Dark/Light, Mono copy, Colour Copy, Copy Menu, ePrint, Cartridge Rotate, Power); 6 LED indicator lights (Attention, Ready, Power)
Display	2-line LCD (text)
Power	**Power supply type:** Built-in power supply **Power supply required:** 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) **Power consumption:**[6] 300 watts (Printing), 140 watts (Copying), 8.3 watts (Ready), 1.0 watt (Sleep/Auto-Off), 0.6 watts (Manual-Off)
Software included	**Windows:** HP Installer/Uninstaller, HP PCLmS print driver, HP WIA Scan Driver, HP TWAIN Scan Driver, HP Scan, Status Alerts, HP Update, DXP, Readiris Software **Mac:** HP Installer/Uninstaller, HP PCLmS Print Driver, HP Scan, HP Setup Assistant, HP Utility, HP Alerts, HP Firmware Updater, Readiris Software
Acoustic[7]	**Acoustic power emissions:** 6.2 B(A) **Acoustic power emissions (ready):** Inaudible **Acoustic pressure emissions bystander (active, printing):** 49 dB(A) **Acoustic pressure emissions bystander (ready):** Inaudible
Operating environment	**Operating humidity range:** 10 to 80% RH **Non-operating humidity range:** 10 to 95% RH **Recommended operating humidity range:** 30 to 70% RH **Operating temperature range:** 15 to 30⁰ C (50 to 86⁰ F) **Recommended operating temperature range:** 17.5 to 25⁰ C (63.5 to 77⁰ F) **Storage temperature range:** -4 to 140⁰ F (-20 to 60⁰ C)
Security management	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change
Electromagnetic emission standard	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
Safety approvals and requirements	IEC 60950-1:2005 +A1 (International); EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011 (EU); IEC 60825-1:2007, UL/cUL Listed (US/Canada); 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

Ordering Information

Number	Description
CF547A	HP Color LaserJet Pro MFP M176n

Supplies[8]

Number	Description
CF350A	HP 130A Black LaserJet Toner Cartridge (~1300 yield)
CF351A	HP 130A Cyan LaserJet Toner Cartridge (~1000 yield)
CF352A	HP 130A Yellow LaserJet Toner Cartridge (~1000 yield)
CF353A	HP 130A Magenta LaserJet Toner Cartridge (~1000 yield)
CE314A	HP 126A LaserJet Imaging Drum

HP Care Packs

Number	Description
UZ322E	HP 1-year Service Plan with Next Day Exchange for Color LaserJet MFP Printers
UZ323E	HP 2-year Service Plan with Next Day Exchange for Color LaserJet MFP Printers
UZ324E	HP 3-year Service Plan with Next Day Exchange for Color LaserJet MFP Printers
UZ325E	HP 4-year Service Plan with Next Day Exchange for Color LaserJet MFP Printers
UZ326E	HP 5-year Service Plan with Next Day Exchange for Color LaserJet MFP Printers
UZ327PE	HP 1-year Post Warranty Service Plan with Next Day Exchange for Color LaserJet MFP Printers
UZ328E	HP 2-year Service Plan with Return to Depot Support for Color LaserJet MFP Printers
UZ329E	HP 3-year Service Plan with Return to Depot Support for Color LaserJet MFP Printers
UZ330E	HP 4-year Service Plan with Return to Depot Support for Color LaserJet MFP Printers
UZ331E	HP 5-year Service Plan with Return to Depot Support for Color LaserJet MFP Printers
UZ339E	HP 1-year Service Plan with Onsite Exchange for Color LaserJet MFP Printers
UZ340E	HP 2-year Service Plan with Onsite Exchange for Color LaserJet MFP Printers
UZ341E	HP 3-year Service Plan with Onsite Exchange for Color LaserJet MFP Printers
UZ342E	HP 4-year Service Plan with Onsite Exchange for Color LaserJet MFP Printers
UZ343E	HP 5-year Service Plan with Onsite Exchange for Color LaserJet MFP Printers

Supported paper

Asia Pacific: hp.com/apac/printingsupplies

Solutions

For more solutions information, please visit hp.com/go/gsc

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[1] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[2] May require a firmware upgrade to be compatible, download at hp.com/go/support
[3] Scan speeds of up to 7.5 ipm (b&w), up to 5.5 ipm (colour) 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.
[4] 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 Colour LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
[5] 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.
[6] Values subject to change. Power numbers are the highest values measured using all standard voltages. See 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.
[7] Acoustic values are subject to change. For current information see hp.com/support. Configuration tested: Color LaserJet Pro MFP M176n, simplex printing with A4 paper.
[8] Replacement cartridge average composite (C/Y/M) declared yield ~1,000 and average black yield ~1,300 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/learnaboutsupplies. Imaging drum yield is ~14,000 pages when printing in black; ~7,000 pages when printing in colour; ~9,000 to 10,000 pages when printing in average customer conditions. Pages may vary based on customer printing conditions and usage.

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