# HP LaserJet Pro 100 Colour MFP M175 Series

## M175a • M175nw
### PRINT, COPY, SCAN

Produce professional-quality colour at the office, and easily print, scan and copy, using HP's smallest colour laser MFP. You can count on HP to deliver innovations that make it easy to print from any mobile device and to reduce energy use[1,2,3].



HP LaserJet Pro 100 Colour MFP (M175nw)

### Professional colour from HP's smallest colour MFP

- Print professional-quality colour documents from HP's smallest colour laser MFP.
- Improve the quality of your copied images, text and graphics with automatic copy optimisation.
- Get outstanding colour – use HP ImageREt 2400 and Original HP cartridges with HP ColorSphere toner technology.
- Print black text affordably – at the same cost per page as a black-and-white HP LaserJet printer[4].

### Print from any device, and get quick and easy setup[1,2]

- Stay productive on the go, using HP ePrint, and print from mobile devices directly to your printer[1,2,5].
- Install your MFP in only a few minutes, and easily print and share with built-in wireless and Ethernet ports[2,6,7].
- Produce one-sided copies of two-sided IDs with ease, using ID copy. Plus, scan instantly to a PC, email, and more.
- Confirm your cartridge is Original HP for reliable performance, using HP Toner Cartridge Authentication[8].

### Produce custom marketing materials on your own

- Get project ideas, tools and templates from HP to help develop marketing materials and estimate print costs.
- Print on a wide range of paper sizes – from 3.5 x 5 (8.9 x 12.7 cm) to 8.5 x 14 inches (21.6 x 35.6 cm).
- Achieve great results – pre-configured shortcuts optimise output quality based on the media selected.
- Easily adjust spot colours and apply them throughout a document with basic colour-match settings.

### Reduce your environmental impact

- Get up to 50% energy savings, using an HP LaserJet with HP Auto-Off Technology[3].
- Reduce energy use with Instant-on Technology and Instant-on Copy[9].
- Take advantage of free, easy recycling – cartridges returned through HP Planet Partners are recycled responsibly[10].
- Save space and resources compared with larger-sized products – use a compact colour laser MFP.

[1] Requires an internet connection to the printer. Feature works with any internet- and email-capable device. Print times may vary. For a list of supported documents and image types, see www.hp.com/go/eprintcenter.
[2] HP ePrint, wireless connectivity, built-in Ethernet networking and wireless direct printing are available on the HP LaserJet Pro 100 colour MFP M175nw only.
[3] HP Auto-Off capabilities subject to printer and settings. Compares energy consumption of HP LaserJets with HP Auto-Off Technology to top competing models based on market share as of September 2010. Energy consumption based on HP internal testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method or TEC value found at energystar.gov./eu-energystar.org using greatest TEC value reported. Actual power usage may vary.
[4] Compared with HP LaserJet Pro P1566/ P1606dn printer (single function) and HP LaserJet Pro M1536dnf MFP. Assuming customer is printing at least 30 percent of total pages in colour with content similar to the colour ISO/IEC 19798 test suite (www.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.
[5] Mobile device must be wireless-enabled and within wireless range of the printer. Printer must be HP ePrint-enabled. Feature may require the download of driver or apps to mobile device, available at www.hp.com/go/eprintercenter.
[6] Wireless performance is dependent upon physical environment and distance from access point, and may be limited during active VPN connections.
[7] HP Smart Install works with Windows only.
[8] Compatible with a range of HP LaserJet printers and MFPs. For more information, see, www.hp.com/go/learnaboutsupplies.
[9] Compared with products that use traditional fusing and cold cathode fluorescent lamp (CCFL) copying.
[10] Program availability varies. HP print cartridge return and recycling is currently available in more than 50 countries and territories around the world through the HP Planet Partners program. For more information, or to request return envelopes and bulk collection boxes, visit www.hp.com/recycle.

## Ordering information

| Model Number | M175a | M175nw |
|---|---|---|
| Product No. | CE865A | CE866A |

## Compatibility

| Operating System | M175a | M175nw |
|---|---|---|
| Windows 7 32-bit and 64-bit | • | • |
| Windows Vista® 32-bit and 64-bit | • | • |
| Windows XP 32-bit (SP2 or higher) | • | • |
| Windows Server 2003 32-bit (SP3 or higher) | • | • |
| Windows Server 2008 32-bit and 64-bit | • | • |
| Lipus Linux (9.4, 9.5) | • | • |
| Red Hat Enterprise Linux 5.0 | • | • |
| SUSE Linux (10.3, 11.0, 11, 11.1, 11.2) | • | • |
| Fedora (9, 9.0, 10, 10.0, 11.0, 11, 12, 12.0) | • | • |
| Ubuntu (8.04, 8.04.1, 8.04.2, 8.10, 9.04, 9.10, 10.04) | • | • |
| Debian (5.0, 5.0.1, 5.0.2, 5.0.3) | • | • |
| HPUX 11 and Solaris 8/9 | • | • |
| Mac OS X v10.5.8, v10.6 | • | • |

## In the Box

- HP LaserJet Introductory Black, Cyan, Yellow, Magenta print cartridges (~500 pages);
- CD (with software and electronic documentation)
- Installation Guide
- Power cord
- USB cable

## Shipping Weight and Shipping dimensions

**M175a**
- 17.5 kg • 595 x 397 x 464 mm

**M175nw**
- 17.5 kg • 595 x 397 x 464 mm

## Warranty and Support

- **Standard Warranty**[1]
  One-year limited warranty, product exchange
- **HP Care Pack Services**
  Please check with your local HP resellers or local HP offices for details and availability.
  See HP Care Pack for complete information.

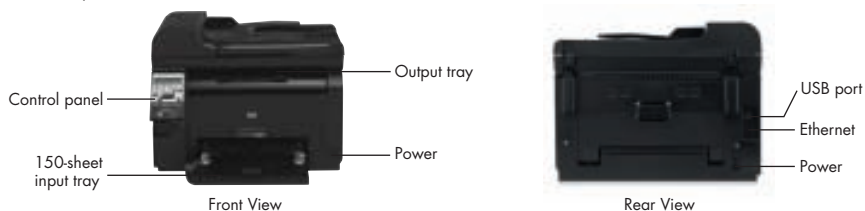[1] Warranty may vary according to countries. Please check with your local HP sales office or your nearest HP authorised dealer for details.

## Additional information

Datasheet publication number: 4AA3-2884EEW

For HP internal and HP Channel Partner internal use only.
Visit us at **www.hp.com** for latest information, service availability.
Visit us at **www.hp.com/cposupport/software.html** to download drivers.

# Technical specification

| Model Number | M175a | M175nw |
|---|---|---|
| **Print** | | |
| Print Speed | Black: Up to 17 ppm, letter; Up to 16 ppm, A4<br>Colour: Up to 4 ppm, letter; Up to 4 ppm, A4 | |
| Document Delivery Speed | Black (A4): Up to 17 ppm; First page out (Black): As fast as 15.5 sec | |
| Print Resolution | Up to 600 x 600 dpi with HP ImageREt 2400 | |
| Processor | 600 MHz | |
| Memory | 128 MB, Not expandable | |
| Durability Ratings | Recommended monthly volume: 250 to 950 pages; Duty cycle: Up to 20,000 pages | |
| **Copy** | | |
| Copy Resolution | Black/Colour: Up to 300 x 300 dpi | |
| Copy Speed | Black: Up to 17 cpm, letter; Up to 16 cpm, A4<br>Colour: Up to 4 cpm, letter; Up to 4 cpm, A4 | |
| Maximum Number of Copies | Up to 99 copies | |
| Copier Resize | 25 to 400% | |
| **Scan** | | |
| Colour Scanning | Yes | |
| Scan Type | Flatbed, ADF | |
| Scan Resolution | Optical: Up to 1200 dpi; Enhanced: Up to 19600 dpi | |
| Scan Speed | Black (normal): Up to 14 ppm; Colour (normal): Up to 6 ppm | |
| Gray Scale Levels | 256 | |
| **Paper** | | |
| Input | 150-sheet input tray; Envelopes: 10 | |
| Output | 50-sheet output bin | |
| Two-sided Printing | Manual (driver support provided) | |
| Sizes | A4, A5, A6, B5 (ISO, JIS), 8k, 16k, 10 x 15 cm, postcards (JIS single and double), envelopes (DL, C5, B5), letter, legal, executive, 4 x 6 inches, 5 x 8 inches, 8.5 x 13 inches, envelopes (No. 10, Monarch), custom: 76 x 127 to 216 x 356 mm | |
| Weights | 60 to 176 g/m² (plain paper); up to 220 g/m² (glossy paper) | |
| Types | Paper (bond, brochure, colour, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock | |
| **Connectivity** | | |
| Interfaces | 1 Hi-Speed USB 2.0 | Hi-Speed USB 2.0; 1 Fast Ethernet 10/100Base-TX; 1 Wireless 802.11b/g/n |
| Languages and Fonts | HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, PDF (v1.7), Universal Raster Format (URF); 80 TrueType internal scalable HP PCL 6, 79 internal scalable PostScript | |
| Compatible Operating Systems | Full software installs supported on: Microsoft® Windows® 7 32-bit and 64-bit, Windows® Vista 32-bit and 64-bit, Windows® XP 32-bit (SP2 or higher); Driver only installs supported on: Microsoft® Windows® Server 2003 32-bit (SP3 or higher), Windows® Server 2008 32-bit and 64-bit; SmartInstall available on all supported Windows® operating systems; Mac OS X v10.5.8, v10.6; Linpus Linux (9.4, 9.5), Red Hat Enterprise Linux 5.0 (supported with a pre-built package); SUSE Linux (10.3, 11.0, 11, 11.1, 11.2), Fedora (9, 9.0, 10, 10.0, 11.0, 11, 12, 12.0), Ubuntu (8.04, 8.04.1, 8.04.2, 8.10, 9.04, 9.10, 10.04), Debian (5.0, 5.0.1, 5.0.2, 5.0.3) (supported by the automatic installer); HPUX 11 and Solaris 8/9 | |
| Dimensions (w x d x h) | 441 x 480 x 441 mm (including protrusions, with input tray extended for legal-size operational configuration) | |
| Weight (includes print cartridge) | 16.2 kg | |
| **Environmental Ranges** | | |
| Recommended Temperature | 20 to 27° C | |
| Storage Temperature | −20 to 40° C | |
| Recommended Relative Humidity | 20 to 70% RH | |
| **Acoustics** | | |
| Sound Power | Active: 6.2 B(A); Ready: Inaudible | |
| Bystander Sound Pressure | Active: 47 dB(A); Ready: Inaudible | |
| **Power Specifications** | | |
| Required Input Voltage | Input voltage 110 to 127 VAC (+/− 10%), 60 Hz (+/− 3 Hz), 220 to 240 VAC (+/− 10%), 50 Hz (+/− 3 Hz) | |
| Power Consumption | Active: 310 watts; Copying: 300 watts; Ready: 11 watts; Sleep: 5.6 watts; Off: 0.2 watts | |
| Typical Electricity Consumption (TEC) | 1.374 kWh/Week | |
| Warranty | One-year limited warranty, product exchange | |

<div style="writing-mode: vertical">**Colour Laser Multifunction Printers**</div>

# HP LaserJet Pro 100 Colour MFP M175 Series

(M175nw shown)



Control panel

Output tray

150-sheet input tray

Power

Front View



USB port

Ethernet

Power

Rear View

# Supplies and accessories

See Original HP Printing Supplies for complete media compatibility and additional information on supplies. See HP Accessories for more information on connectivity, paper-handling solutions and printer memory.

## Print Cartridges

- HP LaserJet Black Print Cartridge    CE310A
- HP LaserJet Cyan Print Cartridge    CE311A
- HP LaserJet Yellow Print Cartridge    CE312A
- HP LaserJet Magenta Print Cartridge CE313A

## Media

For a range of HP Business Communications Papers, See Original HP Printing Supplies for complete information:

- HP LaserJet Paper

## Accessories

- HP USB Cable 2.0 (a-b) 3 metre
- HP Hi-Speed USB Cable (6 feet/1.8 metre)
- HP Network cable 14 feet