



# LaserJet Pro 100

## Color MFP M175nw

Produce professional-quality color at the office, and easily print, scan and copy, using HP's smallest color 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.<sup>2,6</sup>

**Maximum Print Speed<sup>1</sup>:** Black: Up to 17 ppm, Color: Up to 4 ppm  
**Print Resolution:** Up to 600 x 600 dpi; **Technology Resolution:** HP ImageREt 2400  
**Scan Resolution (Optical):** Up to 1200 x 1200 dpi; **Scan Type:** Flatbed, ADF  
**Copy:** 300 x 300 dpi; **Maximum Copies:** Up to 99 copies  
**Standard Connectivity:** Hi-Speed USB 2.0, 1 Fast Ethernet 10/100Base-TX, 1 Wireless 802.11b/g/n  
**Duty Cycle (Monthly):** Up to 20,000 pages  
**Duplex Print Options:** Manual (Driver support provided)



### Professional color from HP's smallest color laser MFP

- Print professional-quality color documents from HP's smallest color laser MFP.
- Improve the quality of your copied images, text and graphics with automatic copy optimization.
- Get outstanding color—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.<sup>5</sup>

### Print from any device, and get quick and easy setup<sup>2</sup>

- Stay connected and productive on the go with HP ePrint, and print from virtually anywhere.<sup>2</sup>
- Install your MFP in only a few minutes, and easily print and share with built-in wireless and Ethernet ports.<sup>3,4</sup>
- Produce one-sided copies of two-sided IDs with ease, using ID copy. Plus, scan instantly to a PC, e-mail, and more.
- Confirm your cartridge is Original HP for reliable performance, using HP Toner Cartridge Authentication.<sup>8</sup>

### 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 inch (21.6 x 35.6 cm).
- Achieve great results—pre-configured shortcuts optimize output quality based on the media selected.
- Easily adjust spot colors and apply them throughout a document with basic color-match settings.

### Reduce your environmental impact

- Get up to 50% energy savings, using an HP LaserJet with HP Auto-Off Technology.<sup>5</sup>
- Reduce energy use with Instant-on Technology and Instant-on Copy.<sup>3</sup>
- Take advantage of free, easy recycling—cartridges returned through HP Planet Partners are recycled responsibly.<sup>7</sup>
- Save space and resources compared with larger-sized products—use a compact color laser MFP.

### HP EcoSolutions

- Save energy—HP Auto-Off Technology turns your printer Off when you don't need it.<sup>1</sup>
- Reduce energy use with Instant-on Technology and Instant-on Copy.<sup>2</sup>
- Free, convenient recycling in 53 countries.

ENERGY STAR<sup>®</sup> Qualified Product

Join HP in more sustainable printing  
[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

<sup>1</sup>HP Auto-Off capabilities subject to printer and settings.

<sup>2</sup>Compared with products that use traditional fusing and cold cathode fluorescent lamp (CCFL) copying.

<sup>1</sup>Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>2</sup>Requires an Internet connection to the printer. Feature works with any connected Internet- and email-capable device. Print times may vary. Some HP LaserJets may require a firmware upgrade. For a list of supported documents, and image types, see <http://www.hp.com/go/eprintcenter>. And for additional solutions, see <http://www.hp.com/go/mobile-printing-solutions>. <sup>3</sup>Wireless performance is dependent upon physical environment and distance from access point, and may be limited during active VPN connections. <sup>4</sup>HP Smart Install works with Windows only. <sup>5</sup>Compared with HP LaserJet Pro P1566/P1606dn printer (single function) and HP LaserJet Pro M1536dnf MFP. Assuming customer is printing at least 30% of total pages in color with content similar to the color ISO/IEC 19798 test suite (<http://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 color pages printed, and other factors. <sup>6</sup>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<sup>®</sup> program's Typical Electricity Consumption (TEC) method or TEC value found at [energystar.gov/eu-energystar.org](http://energystar.gov/eu-energystar.org) using greatest TEC value reported. Actual power usage may vary. <sup>7</sup>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 <http://www.hp.com/recycle>. <sup>8</sup>Compatible with a range of HP LaserJet printers and MFPs. For more information, see, <http://www.hp.com/go/learnaboutsupplies>. <sup>9</sup>Compared with products that use traditional fusing and cold cathode fluorescent lamp (CCFL) copying.



# HP LaserJet Pro 100

## Color MFP M175nw

### TECHNICAL SPECIFICATIONS

<b>Functions</b>	Print, copy, scan
<b>Standard printer languages</b>	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF (v1.7), HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF (v1.7), AirPrint™ compatible
<b>Print Resolution</b>	<b>Black (Best):</b> Up to 600 x 600 dpi <b>Black (Normal):</b> Up to 600 x 600 dpi <b>Color (Best):</b> Up to 600 x 600 dpi
<b>Print technology resolution</b>	HP ImageREt 2400
<b>Print Speed<sup>1</sup></b>	<b>Black (Normal, Letter):</b> Up to 17 ppm <b>Color (Normal, Letter):</b> Up to 4 ppm <b>First Page Out Black (Letter, Ready):</b> As fast as 15.5 sec; <b>First Page Out Color (Letter, Ready):</b> As fast as 27.5 sec
<b>Number of print cartridges</b>	4 (1 each black, cyan, magenta, yellow), 1 imaging drum
<b>Mobile Printing Capability<sup>10</sup></b>	HP ePrint, Apple AirPrint™
<b>Duty Cycle (monthly)<sup>2</sup></b>	Up to 20,000 pages
<b>Recommended Monthly Page Volume<sup>3</sup></b>	Up to 250 to 950 pages
<b>Scan type</b>	Flatbed, ADF
<b>Bit Depth</b>	30-bit
<b>Twain Version</b>	Version 1.9
<b>Scan Resolution</b>	<b>Hardware:</b> Up to 1200 x 1200 dpi <b>Optical:</b> Up to 1200 dpi
<b>Scan Speed<sup>4</sup></b>	<b>Black (Normal):</b> Up to 10 ppm <b>Color (Normal):</b> Up to 5.5 ppm
<b>Auto Document Feeder Capacity</b>	Standard, 35 sheets
<b>Copy Resolution</b>	<b>Black (Text and Graphics):</b> Up to 300 x 300 dpi <b>Color (Text and Graphics):</b> Up to 300 x 300 dpi
<b>Copy Speed<sup>5</sup></b>	<b>Black (Best, Letter):</b> Up to 17 cpm; <b>Color (Best, Letter):</b> Up to 4 cpm
<b>Copier Reduce</b>	25 to 400%
<b>Scan size maximum</b>	216x356 mm
<b>Maximum Number of Copies</b>	Up to 99 copies
<b>Copier Setting</b>	Color/Mono, Number of copies, Lighter/darker, ID copy, Optimize, Paper selection, Multi-page copy, Collation, Draft mode, Image adjustment
<b>Fonts and Typefaces</b>	80 TrueType internal scalable HP PCL 6; 79 internal scalable Postscript
<b>Standard connectivity</b>	Hi-Speed USB 2.0, 1 Fast Ethernet 10/100Base-TX, 1 Wireless 802.11b/g/n
<b>Network capabilities</b>	802.11b/g/n wireless, 10/100 Ethernet; <b>Network Ready:</b> Standard (WiFi 802.11b/g/n, Ethernet)
<b>Control panel</b>	2-line, 16-character monochrome LCD; 13 buttons (Cancel, Left arrow, Right arrow, Select, Back, Setup, Rotate Carousel, Number of Copies, Lighter/Darker, Copy Menu, Black Copy, Color Copy, Wireless); 3 LED indicator lights (Attention, Ready, Wireless)
<b>Display</b>	2-line LCD (text)
<b>Maximum/standard memory</b>	128 MB
<b>Processor</b>	<b>Type:</b> ARM 11 embedded processor; <b>Speed:</b> 600 MHz
<b>Duplex print options</b>	Manual (driver support provided)
<b>Media Types</b>	Paper (bond, brochure, color, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
<b>Media type and capacity</b>	<b>Sheets:</b> 35, transparencies: 1; <b>Tray 1:</b> Sheets: 150, labels: 50, transparencies: 50, postcards: 50, envelopes: 10
<b>Standard Media Sizes Supported (Imperial)</b>	Letter, legal, executive, 4 x 6 in, 5 x 8 in, 8.5 x 13 in, envelopes (No. 10, Monarch)
<b>Media weight supported</b>	60 to 176 g/m <sup>2</sup> (plain paper), up to 220 g/m <sup>2</sup> (glossy paper)
<b>Custom media sizes</b>	3 x 5 to 8.5 x 14 in (76 x 127 to 216 x 356 mm)
<b>Print Handling</b>	<b>Input Capacity:</b> Up to 150 sheet, 35 sheet automatic document feeder, up to 10 envelopes; <b>Output Capacity:</b> Up to 50 sheets, up to 10 envelopes, up to 50 sheets transparencies

For more information visit our website at [www.hp.com](http://www.hp.com)

HP LaserJet Pro 100 Color MFP M175nw Product Number: CE866A

<sup>1</sup>Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity. <sup>2</sup>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 Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups. <sup>3</sup>HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. <sup>4</sup>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. <sup>5</sup>After first page out, copies at given page rate. <sup>6</sup>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. <sup>7</sup>Acoustic values are subject to change. For current information see <http://www.hp.com/support>. Configuration tested: base model, simplex printing, A4 paper at an average of 16 ppm. <sup>8</sup>Introductory cartridges included; yields ~500 color composite (C/M/Y) and ~500 black pages. Replacement cartridge average composite (C/M/Y) declared yield ~1000 and average black yield ~1200 pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. <sup>9</sup>Average color composite (C/M/Y) and black declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>. <sup>10</sup>May require a firmware upgrade to be HP ePrint or AirPrint™ compatible, download at <http://www.hp.com/go/support>

©2011-2013 Hewlett-Packard Development Company, L.P. HP is a registered trademark of the Hewlett-Packard Company. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. All other trademarks are the property of their respective owners. Microsoft and Windows are registered trademarks of Microsoft Corporation. Adobe and Acrobat are trademarks of Adobe Systems Incorporated. This listing of non HP products does not constitute an endorsement by Hewlett-Packard Company. The information contained herein is subject to change without notice and is provided "as is" without warranty of any kind. HP shall not be liable for technical or editorial errors or omissions contained herein. **October 2013, R11**



<b>Power<sup>6</sup></b>	<b>Active Copy:</b> 300 watts <b>Power Supply Type:</b> Built-in power supply <b>Power Requirements:</b> Input voltage 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz) <b>Power Consumption:</b> 310 watts (Active/Printing), 300 watts (Copying), 11 watts (Ready), 5.6 watts (Sleep), 0.2 watts (Auto-Off), 0.2 watts (Off) <b>Typical Electricity Consumption (TEC) Number:</b> 1.374 kWh/Week
<b>Security Management</b>	Password-protected network embedded Web server, SNMPv1 community password change, 802.11: WEP, WPA, WPA2
<b>Software included</b>	<b>Windows:</b> HP SmartInstall, HP Installer/Uninstaller, HP PCL 6 print driver, HP WIA Scan Driver, HP TWAIN Scan Driver, HP Scan, HP Device Toolbox configuration utility, Readiris Software <b>Mac:</b> HP Installer/Uninstaller, HP PS driver, HP Scan, HP Setup Assistant, HP Ink Widget, HP Utility, Readiris Software
<b>Compatible operating systems</b>	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 v 10.5.8, v 10.6, Linpus Linux (9.4, 9.5), Red Hat Enterprise Linux 5.0 (supported with a pre-built package), SUSE Linux (10.3, 11.0, 11.1, 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), HP-UX 11 and Solaris 8/9
<b>Minimum system requirements</b>	<b>PC:</b> Microsoft® Windows® 7, Windows Vista®: 1 GHz 32-bit (x86) or 64-bit (x64) processor, 1 GB RAM (32-bit) or 2 GB RAM (64-bit), 500 MB free hard disk space, CD/DVD-ROM or Internet, USB or Network port; Windows® XP (32-bit) SP2: Pentium 233 MHz processor, 512 KB RAM (32-bit) or 2 GB RAM (64-bit), 500 MB free hard disk space, CD/DVD-ROM or Internet, USB or Network port; <b>Mac:</b> Mac OS X v 10.5.8, v 10.6; PowerPC G4, G5, or Intel Core processor; 256 MB RAM; 300 MB free hard disk space; CD/DVD-ROM or Internet; USB or Network port
<b>Acoustic<sup>7</sup></b>	<b>Acoustic Power Emissions:</b> 6.2 B(A) <b>Acoustic Power Emissions (Active, Copy or Scan):</b> 6.6 B(A) <b>Acoustic Power Emissions (Ready):</b> Inaudible <b>Acoustic Pressure Emissions Bystander (Active, Copy or Scan):</b> 52 dB(A)
<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 59 to 90.5°F (15 to 32.5°C) <b>Recommended Operating Temperature Range:</b> 68 to 80.6°F (20 to 27°C) <b>Storage Temperature Range:</b> -4 to 104°F (-20 to 40°C) <b>Non-Operating Humidity Range:</b> 10 to 95% RH <b>Operating Humidity Range:</b> 10 to 80% RH <b>Recommended Humidity Operating Range:</b> 20 to 70% RH
<b>Product Dimensions</b>	<b>W x D x H:</b> 17.4 x 16.6 x 13.3 in (441 x 421 x 338 mm)
<b>Product Weight</b>	35.5 lb (16.2 kg)
<b>What's in the box<sup>8</sup></b>	HP LaserJet Pro 100 Color MFP M175nw Printer, HP LaserJet Introductory Black, Cyan, Yellow, Magenta toner cartridges (~ 500 pages), CD (with software and electronic documentation), Installation guide, power cord, USB cable
<b>Warranty</b>	One-year, limited warranty, product exchange
<b>Replacement cartridges<sup>9</sup></b>	HP 126A Black LaserJet Toner Cartridge (~ 1,200 pages) CE310A HP 126A Cyan LaserJet Toner Cartridge (~ 1,000 pages) CE311A HP 126A Yellow LaserJet Toner Cartridge (~ 1,000 pages) CE312A HP 126A Magenta LaserJet Toner Cartridge (~ 1,000 pages) CE313A HP 126A LaserJet Imaging Drum CE314A
<b>Accessories</b>	HP USB Cable 2.0 (a-b) 3 meter, C6520A HP Hi-Speed USB Cable (6 ft./1.8 m), Q6264A HP Network cable 14 feet, C7536A
<b>HP Services and Support</b>	HP 2-year Next Business Day Exch w/Enhanced Phone Support IPG prtr-H SVC, UQ223A HP 3-year Next Business Day Exch w/Enhanced Phone Support IPG prtr-H SVC, UQ224A HP 4-year Next Business Day Exch w/Enhanced Phone Support IPG prtr-H SVC, UQ225A