



# LASERJET PRO CM1415FNW

## COLOR MULTIFUNCTION PRINTER

Use a color touchscreen to print, copy, scan—in color—and fax. Connect this MFP to a wired or wireless network and give your office high-quality prints with vivid color and sharp black<sup>5</sup>. Save energy and reduce your impact.

**Maximum Print Speed<sup>2</sup>:** Black: Up to 12 ppm; Color: Up to 8 ppm  
**Print Resolution:** Up to 600 x 600 dpi; **Technology Resolution:** HP ImageREt 3600  
**Scan Resolution (Optical):** Up to 1200 dpi; **Scan Type:** Flatbed, ADF  
**Copy:** Up to 600 x 600 dpi resolution; **Maximum Copies:** Up to 99 copies  
**Fax:** 33.6 kbps; **Fax Speed Dialing, Max Numbers:** 120 numbers  
**Standard Connectivity:** 1 Hi-Speed USB 2.0 port, 1 Host USB, 1 built-in 10/100 wired Ethernet network connectivity with 1 RJ-45 port, 1 Wireless 802.11b/g/n networking  
**Recommended Monthly Page Volume:** Up to 300 to 1,500 pages  
**Duplex Print Options:** Manual (Driver support provided)



### Bring easy, touchscreen printing to your office

- Use the 3.5-inch (8.89 cm) color touchscreen to access and print information.
- Print from anywhere, anytime, with a smartphone, notebook PC or other mobile device using HP ePrint<sup>1</sup>
- Spend more time on business and less time on setup and maintenance.
- Easily copy both sides of an ID card onto a single-sided document.



### Produce professional-quality marketing materials

- Make the most of your printed images, with HP ImageREt 3600.
- Enhance the quality of your copied images, text and graphics with automatic copy optimization.
- Print crisp text and vivid color images—use Original HP LaserJet print cartridges with HP ColorSphere toner.
- Print black text affordably—at the same cost per page as a black-and-white HP LaserJet printer.<sup>7</sup>

### Increase productivity—share the MFP on a network

- Print from anywhere in the office with integrated wireless.<sup>5, 6</sup> Share resources, using built-in Ethernet.
- Start and finish printing sooner from low-power or Ready modes, using Instant-on Technology.
- Tackle multiple-page documents, using the 35-page automatic document feeder.
- Print quickly and conveniently with a front-panel USB port.

### Minimize your environmental impact

- Conserve energy with Instant-on Technology<sup>4</sup> and Instant-on Copy.<sup>8</sup>
- Save space and resources with the compact size of this color laser printer.
- Get free and easy recycling—cartridges returned through HP Planet Partners are recycled responsibly.<sup>3</sup>

### ecoHIGHLIGHTS

HP LaserJet Pro CM1415fnw Color MFP Printer

- Reduce energy use up to 50% with Instant-on Technology.<sup>1</sup>
- Avoid reprints with the consistency of Original HP toners plus HP Professional Color Technologies.
- Print what you need and save paper with HP do-it-yourself marketing solutions.

### ENERGY STAR® Qualified Product

<sup>1</sup>Energy savings based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method on HP LaserJet products with Instant-on Technology vs. top competitive models as of March 2009.

[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

Please recycle your computing hardware and printing supplies. Find out how at our website.



<sup>1</sup>Expected availability late 2010. Require an Internet connection to the printer. Feature works with any Internet and e-mail capable device and requires a firmware upgrade. For details, <http://www.hp.com/go/ePrintcenter>. <sup>2</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>3</sup>Program availability varies. HP print cartridge return and recycling is currently available in more than 49 countries, territories and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit [www.hp.com/recycle](http://www.hp.com/recycle). <sup>4</sup>Energy savings based on HP testing using the ENERGY STAR® program's Typical Electricity Consumption (TEC) method on HP LaserJet products with Instant-on Technology vs. top competitive models as of March 2009. <sup>5</sup>Wireless performance is dependent upon physical environment and distance from access point, and may be limited during active VPN connections. <sup>6</sup>Built-in wireless is available on the HP LaserJet Pro CM1415fnw Color MFP. <sup>7</sup>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 color with content similar to the color ISO/IEC 19798 test suite ([www.iso.org/jtc1/sc28](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>8</sup>When compared with fluorescent tubes, Instant-on Copy with LED technology drops energy use by 4 times in idle mode and 1.4 times in copy mode.





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## COLOR MULTIFUNCTION PRINTER

### TECHNICAL SPECIFICATIONS

<b>FUNCTIONS</b>	Print, copy, scan, fax
<b>STANDARD PRINTER LANGUAGES</b>	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation (via Universal Print Driver)
<b>PRINT RESOLUTION</b>	<b>Black (Best):</b> Up to 600 x 600 dpi; <b>Black (Normal):</b> Up to 600 x 400 dpi; <b>Color (Best):</b> Up to 600 x 400 dpi
<b>PRINT TECHNOLOGY RESOLUTION</b>	HP ImageREt 3600
<b>PRINT SPEED<sup>1</sup></b>	<b>Black (Letter):</b> Up to 12 ppm; <b>Color (normal):</b> Up to 8 ppm; <b>First Page Out Color:</b> As fast as 32 sec
<b>NUMBER OF PRINT CARTRIDGES</b>	4 (1 each black, cyan, magenta, yellow)
<b>RECOMMENDED MONTHLY PAGE VOLUME</b>	Up to 300 to 1,500 pages
<b>DUTY CYCLE (MONTHLY)</b>	Up to 30,000 pages
<b>SCAN TYPE</b>	Flatbed, ADF
<b>SCAN RESOLUTION</b>	<b>Optical:</b> Up to 1200 dpi
<b>SCAN SPEED</b>	<b>Black (Normal):</b> Up to 12 ppm; <b>Color (Normal):</b> Up to 8 ppm
<b>AUTO DOCUMENT FEEDER CAPACITY</b>	Standard, 35 sheets
<b>COPY RESOLUTION</b>	<b>Black (Text and Graphics):</b> Up to 600 x 600 dpi <b>Color (Text and Graphics):</b> Up to 600 x 600 dpi
<b>COPY SPEED</b>	<b>Black (Best, Letter):</b> Up to 12 cpm; <b>Color (Best, Letter):</b> Up to 8 cpm
<b>MAXIMUM NUMBER OF COPIES</b>	Up to 99 copies
<b>COPIER SETTING</b>	Up to 99 multiple copies, Collation, Reduce/Enlarge from 25% to 400%, Fit to page, two or four pages to one page, customizable copy presets, Contrast (Lighter/Darker), Resolution (Copy quality), network protocols supported, ID copy, Copy optimization, Draft mode copy, manual duplex
<b>FAX RESOLUTION</b>	<b>Black (Best):</b> Up to 203 x 196 dpi <b>Black Photo Grayscale:</b> Up to 300 x 300 dpi
<b>FAX SPEED</b>	33.6 kbps
<b>FAX SPEED DIALING, MAX NUMBERS</b>	120 numbers
<b>FAX MEMORY (A4)</b>	Up to 250 pages
<b>FAX FEATURES</b>	<b>Fax Auto-redialing:</b> Yes; <b>Auto Fax Reduction Supported:</b> Yes <b>Distinctive Ring Detection Supported:</b> Yes; <b>Fax Delayed Sending:</b> Yes; <b>Fax Forwarding Supported:</b> Yes; <b>Fax Polling Supported:</b> Yes (receive only); <b>Fax Telephone Mode Supported:</b> Yes; <b>Junk Barrier Supported:</b> Yes; <b>PC Interface Supported:</b> Yes (PC Fax send only); <b>Remote Retrieval Capability Supported:</b> No; <b>Telephone Handset Supported:</b> No
<b>STANDARD CONNECTIVITY</b>	1 Hi-Speed USB 2.0 port, 1 Host USB, 1 built-in 10/100 wired Ethernet network connectivity with 1 RJ-45 port, 1 Wireless 802.11b/g/n networking
<b>NETWORK CAPABILITIES</b>	10/100 Ethernet; 802.11b/g/n wireless <b>Network Ready:</b> Standard (WiFi 802.11b/g/n, Ethernet)
<b>CONTROL PANEL</b>	Intuitive touchscreen control panel with color graphic display, Buttons (Home, Cancel, Help, Right/Left Arrows, Back), LED indicator lights (Ready, Error, Wireless)
<b>DISPLAY</b>	3.5" (8.89 cm) touchscreen CGD (color graphics)
<b>MAXIMUM/STANDARD MEMORY</b>	160 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 TYPE AND CAPACITY</b>	<b>ADF:</b> Sheets: 35, transparencies: 1; <b>Tray 1:</b> Sheets: 150, Envelopes: 10
<b>STANDARD MEDIA SIZES SUPPORTED (IMPERIAL)</b>	Letter, legal, executive, envelopes (No. 10, Monarch), postcard
<b>MEDIA WEIGHT SUPPORTED</b>	60 to 176 g/m <sup>2</sup> (up to 200 g/m <sup>2</sup> with HP laser cover papers, up to 220 g/m <sup>2</sup> with HP laser glossy photo papers)
<b>CUSTOM MEDIA SIZES</b>	3 x 5 to 8.5 x 14 in (76 x 127 to 216 x 356 mm)

FOR MORE INFORMATION VISIT OUR WEBSITE AT [WWW.HP.COM](http://www.hp.com)

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<b>PRINT HANDLING</b>	<b>Input Capacity:</b> Up to 150 sheets, Up to 10 envelopes <b>Output Capacity:</b> Up to 125 sheets, Up to 10 envelopes, Up to 50 sheets transparencies
<b>POWER<sup>2</sup></b>	<b>Power Supply Type:</b> Built-in power supply <b>Power Requirements:</b> Input voltage 110 to 127 VAC (+/- 10%), 60 Hz (+/- 2 Hz) <b>Power Consumption:</b> 285 watts active, 9.0 watts sleep, 17.5 watts standby <b>Typical Electricity Consumption (TEC) Number:</b> 1.791 kWh/Week
<b>SOFTWARE INCLUDED</b>	Windows: HP Installer/Uninstaller, HP PCL 6 print driver, HP WIA Scan Driver, HP TWAIN Scan Driver, HP Scan, HP Fax Setup Wizard, HP Send Fax, HP Fax Print Driver, ReadIris Software, Mac: HP Installer/Uninstaller, HP PS driver, HP Scan, HP Setup Assistant, HP Fax Print Driver, 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 2008 32-bit and 64-bit, Windows® Server 2003 32-bit (SP3 or higher), 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), 200 MB free hard disk space, CD/DVD-ROM or Internet, USB or Network port, Windows® XP (32-bit) (SP2): Pentium 233 MHz processor, 512 MB RAM (32-bit) or 2 GB RAM (64-bit), 200 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>3</sup></b>	<b>Acoustic Power Emissions:</b> 6.1 B(A) <b>Acoustic Power Emissions (Ready):</b> Inaudible <b>Acoustic Pressure Emissions:</b> 48 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:</b> 62.6 to 77° F (17 to 25° C) <b>Storage Temperature Range:</b> -4 to 104° F (-20 to 40° C) <b>Non-Operating Humidity Range:</b> 95% RH or less <b>Operating Humidity Range:</b> 10 to 80% RH <b>Recommended Humidity Operating Range:</b> 20 to 80% RH
<b>PRODUCT DIMENSIONS</b>	<b>W X D X H:</b> 17.4 x 18.6 x 16.3 in (443 x 472 x 415 mm)
<b>PRODUCT WEIGHT</b>	50.1 lb (22.7 kg)
<b>WHAT'S IN THE BOX</b>	HP LaserJet Pro CM1415fnw color MFP, Preinstalled introductory 750-page black, cyan, magenta, yellow HP Color LaserJet print cartridges with ColorSphere toner, Control panel, ADF input support, CDs containing device software and electronic User's Guide, ReadIris PRO text recognition software, ReadIris registration card, Installation Guide, Support flyer, power cord(s), Phone cord(s), USB cable
<b>WARRANTY</b>	One-year limited warranty
<b>REPLACEMENT CARTRIDGES</b>	HP Black Print Cartridge (2,000 pages), CE320A HP Cyan Print Cartridge (1,300 pages), CE321A HP Color Yellow Print Cartridge (1,300 pages), CE322A HP Magenta Print Cartridge (1,300 pages), CE323A
<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 ExchPrinting and Imaging-H SVC, UG606E HP 3-year Next Business Day ExchPrinting and Imaging-H SVC, UG609E HP 4-year Next Business Day ExchPrinting and Imaging-H SVC, UH610E

<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>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>3</sup>Configuration tested: CM1415fnw bundle, simplex Printing, A4 paper at an average of 12 ppm.