



# LaserJet Pro 200

## color M251nw

Produce professional-quality color documents that help boost business. Use business apps to access and print from the Web.<sup>3</sup> Locate the printer anywhere in the office, using wireless connectivity.<sup>4</sup> Print from virtually anywhere with HP ePrint.<sup>5</sup>

- Print Speed<sup>1</sup>:** Up to 14 ppm black and up to 14 ppm color
- Print Resolution:** Up to 600 x 600 dpi
- Print Technology Resolution:** HP ImageREt 3600
- Standard Connectivity:** 1 Hi-Speed USB 2.0 port, 1 Host USB, 1 Ethernet 10/100Base-TX network port, 1 Wireless 802.11b/g/n networking
- Standard Memory:** 128 MB
- Mobile Printing Capability<sup>2</sup>:** HP ePrint, Wireless direct printing, Apple AirPrint™.
- Paper Handling:** 150-sheet input tray, 125-sheet output bin



### Print with ease—from virtually anywhere

- Use business apps and the 3.5-inch (8.89 cm) color touchscreen to access and print from the Web.<sup>3</sup>
- Print from virtually anywhere with HP ePrint.<sup>5</sup>
- Set up anywhere in the office with built-in wireless networking.<sup>4</sup> Share printing resources on a network.
- Print from a flash drive, using the easy-access USB port.

### Create high-impact, color marketing materials

- Produce vivid colors with HP ImageREt 3600 and ColorSphere II toner. Optimize settings with HP EasyColor.
- Boost productivity with print speeds up to 14 pages per minute (letter).<sup>10</sup>
- Create impressive color marketing materials in the office on a range of media, including HP specialty papers.
- Print documents affordably. Get the same black cost per page as a black-only HP LaserJet printer.<sup>6</sup>



### Do more with easy setup and energy savings

- Reduce energy use with HP Auto-On/Auto-Off Technology.<sup>7</sup> Save energy and time with Instant-on Technology.<sup>9</sup>
- Install your printer fast—there's no CD required with HP Smart Install.<sup>8</sup>
- Receive consistent results with Original HP LaserJet toner cartridges and reorder with HP SureSupply.<sup>11</sup>
- Get free, easy recycling—toner cartridges returned through HP Planet Partners are recycled responsibly.<sup>12</sup>

**ecoHIGHLIGHTS** HP LaserJet Pro 200 color M251nw

- Save energy—HP Auto-On/Auto-Off Technology turns the printer on when you need it, off when you don't.<sup>1</sup>
- Reduce energy use with Instant-on Technology.<sup>2</sup>
- Free, convenient cartridge recycling in more than 50 countries.<sup>3</sup>

**ENERGY STAR®** qualified

<sup>1</sup>HP Auto-On and Auto-Off capabilities subject to printer and settings. <sup>2</sup>Compared with products that use traditional fusing. <sup>3</sup>Program availability varies. Original HP cartridge return and recycling is currently available in more than 50 countries, territories, and regions in Asia, Europe, and North and South America through the HP Planet Partners program. For more information, visit <http://www.hp.com/recycle>.

[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>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>HP ePrint: Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. For details, <http://www.hp.com/go/eprintcenter>. <sup>3</sup>Requires a wireless access point and an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see <http://www.hp.com/go/eprintcenter>. <sup>4</sup>Wireless performance is dependent upon physical environment and distance from access point, and may be limited during active VPN connections. <sup>5</sup>Requires an Internet connection to the printer. Feature works with any connected Internet- and email-capable device. Requires HP Web Services Account Registration. Print times may vary. 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>6</sup>Compared with HP LaserJet Pro P1566/P1606dn printer. Assuming customer is printing at least 30% 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>7</sup>HP Auto-On/Auto-Off capabilities subject to printer and settings. <sup>8</sup>HP Smart Install works with Microsoft® Windows only. <sup>9</sup>Compared with products that use traditional fusing. <sup>10</sup>Printing speed measured using ISO/IEC 24734 and 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>11</sup>HP exact speed varies depending on the system configuration, software program, document complexity, network, media width, media weight, environment, and job size. <sup>12</sup>Program features and availability may vary by country. For more information, visit <http://www.hp.com/learn/suresupply>. <sup>13</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>.





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## TECHNICAL SPECIFICATIONS

<b>PRINT TECHNOLOGY</b>	Laser
<b>PRINT SPEED<sup>1</sup></b>	<b>Black (Normal, letter):</b> Up to 14 ppm; <b>Color (Normal, letter):</b> Up to 14 ppm; <b>First Page Out Black (letter, ready)<sup>2</sup>:</b> As fast as 18.5 sec; <b>First Page Out Color (letter, ready)<sup>2</sup>:</b> As fast as 19 sec
<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 3600
<b>HP ePrint CAPABILITY</b>	Yes
<b>MOBILE PRINTING CAPABILITIES<sup>3</sup></b>	HP ePrint, Wireless direct printing, Apple AirPrint™.
<b>DUTY CYCLE (MONTHLY)<sup>4</sup></b>	Up to 30,000 pages
<b>RECOMMENDED MONTHLY PAGE VOLUME</b>	250 to 1,500 pages
<b>STANDARD PRINT LANGUAGES</b>	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation (via Universal Print Driver)
<b>DUPLEX PRINT OPTIONS</b>	Manual (driver support provided)
<b>NUMBER OF PRINT CARTRIDGES</b>	4 (1 each black, cyan, magenta, yellow)
<b>SURESUPPLY SUPPORTED</b>	Yes
<b>PRINTER MANAGEMENT</b>	<b>Windows:</b> HP Device Toolbox (default install), SNP Alerts (minimum network install), HP Web Jetadmin (download); <b>Mac:</b> HP Utility
<b>STANDARD CONNECTIVITY</b>	1 Hi-Speed USB 2.0 port; 1 Host USB; 1 Ethernet 10/100Base-TX network port; 1 Wireless 802.11b/g/n networking
<b>WIRELESS CAPABILITY</b>	Yes, built-in WiFi 802.11 b/g/n, secure wireless direct printing
<b>NETWORK CAPABILITIES</b>	Via built-in 10/100 Ethernet network port or 802.11 b/g/n Wireless
<b>SUPPORTED NETWORK PROTOCOLS</b>	Via built-in networking solution: TCP/IP, IPv4, IPv6; print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print; DISCOVERY: SLP, Bonjour, Web Services Discovery; IP CONFIG: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6); Management: SNMPv1/v2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, SSL/TLS-HTTPS, Firewall, ACL, 802.1x, WPA1/2 Personal and Enterprise
<b>CONTROL PANEL</b>	3.5" (8.89 cm) intuitive touchscreen control panel with color graphic display; Buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Attention, Wireless)
<b>DISPLAY</b>	3.5" (8.89 cm) touchscreen Color Graphic Display (CGD)
<b>FONTS AND TYPEFACES</b>	80 scalable TrueType fonts (45 in HP PCL, 35 in HP postscript level 3 emulation); 4 fonts for Arabic (localized in firmware)
<b>MEDIA TYPE SUPPORTED</b>	Paper (bond, brochure, colored, glossy, heavy, letterhead, light, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
<b>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), custom: 3 x 5 to 8.5 x 14 in
<b>MEDIA SIZES CUSTOM (IMPERIAL)</b>	3 x 5 to 8.5 x 14 in (76 x 127 to 216 x 356 mm)
<b>MAXIMUM/STANDARD MEMORY</b>	128 MB
<b>PAPER HANDLING</b>	150-sheet input tray, 125-sheet output bin <b>Input Handling:</b> Up to 150 sheets, Up to 10 envelopes; <b>Output Handling:</b> Up to 125 sheets, Up to 10 envelopes, Up to 50 transparencies
<b>PROCESSOR SPEED</b>	750 MHz
<b>SOFTWARE INCLUDED</b>	<b>Windows:</b> HP Installer/Uninstaller, HP PCL 6 print driver, Status Alerts, HP Update, DXP; <b>Mac:</b> HP Installer/Uninstaller, HP Postscript driver, HP Setup Assistant, HP Utility, HP Alerts, HP Firmware Updater
<b>PRINTER SMART SOFTWARE FEATURES</b>	HP ePrint solutions, Apple AirPrint™, wireless direct printing, print from front-panel USB (PDF and JPEG), print directly from Cloud with business apps on the control panel, up to ImageREt 3600 print quality with HP PCL 6 and PostScript Level 3 emulation print drivers, manual duplex and booklet printing, N-up printing, collation, watermarks, accepts a variety of laser paper sizes and types including matte, soft gloss, and high gloss laser photo paper, mono transparencies, cover paper, cardstock, brochure paper, labels, envelopes, and more

<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, v 10.6, v 10.7; 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>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, v 10.6, v10.7; 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); HP/UX 11 and Solaris 8/9
<b>OPERATING ENVIRONMENT</b>	<b>Operating Humidity Range:</b> 10 to 80% RH <b>Recommended Humidity Operating Range:</b> 20 to 70% RH <b>Operating Temperature Range:</b> 59 to 90.5° F (15 to 32.5° C) <b>Recommended Operating Temperature Range:</b> 68 to 81° F (20 to 27° C) <b>Storage Temperature Range:</b> -4 to 104° F (-20 to 40° C) <b>Non-Operating Humidity:</b> 10 to 95% RH
<b>ACOUSTIC<sup>5</sup></b>	<b>Acoustic Power Emissions:</b> 6.1 B(A) <b>Acoustic Power Emissions (ready):</b> Inaudible <b>Acoustic Pressure Emissions Bystander (active, printing):</b> 47 dB(A) <b>Acoustic Pressure Emissions Bystander (ready):</b> Inaudible
<b>POWER</b>	<b>Power Requirements:</b> Input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz) <b>Power Supply Type:</b> Built-in power supply <b>Power Consumption<sup>6</sup>:</b> 315 watts (Printing), 11.5 watts (Ready), 5.1 watts (Sleep), 0.2 watts (Off) <b>Typical Electricity Consumption (TEC) Number:</b> 1.222 kWh/Week
<b>PRODUCT DIMENSIONS (W X D X H)</b>	15.94 x 17.83 x 10.43 in (405 x 453 x 265 mm) <b>Maximum:</b> 15.94 x 20.15 x 13.9 in (405 x 512 x 354 mm) input tray extended to legal-size, touchscreen control panel rotated up
<b>PRODUCT WEIGHT</b>	41.4 lb (18.8 kg)
<b>SECURITY MANAGEMENT</b>	Password-protected network embedded Web server; enable/disable Network protocols; SNMPv1/2 community password change; SNMPv3; 802.1x; SSL/TLS, SSL cert management; Firewall; Access Control List, Wireless WPA/WPA2 Personal, WPA2 Enterprise (802.1x), WEP, HP Secure Wireless Direct (WPA2-PSK)
<b>WHAT'S IN THE BOX<sup>7</sup></b>	HP LaserJet Pro 200 color M251nw; Preinstalled introductory HP Black, Cyan, Yellow, Magenta LaserJet Toner Cartridges (~ 700 pages); CDs containing device software and electronic documentation; Install Guide, Support flyer, Warranty guide; power cord; USB cable
<b>HP CARE PACKS</b>	HP 2 Year Care Pack Business Priority Support with Next Business Day Exchange for LaserJet Printers, UQ223E HP 3 Year Care Pack Business Priority Support with Next Business Day Exchange for LaserJet Printers, UQ224E HP 4 Year Care Pack Business Priority Support with Next Business Day Exchange for LaserJet Printers, UQ225E HP 2 Year Care Pack Business Priority Support with Onsite Exchange for LaserJet Printers, U6M44E HP 3 Year Care Pack Business Priority Support with Onsite Exchange for LaserJet Printers, U6M45E HP 4 Year Care Pack Business Priority Support with Onsite Exchange for LaserJet Printers, U6M46E
<b>REPLACEMENT CARTRIDGES<sup>8</sup></b>	HP 131A Black LaserJet Toner Cartridge (~ 1,600 pages), CF210A HP 131X Black LaserJet Toner Cartridge (~ 2,400 pages), CF210X HP 131A Cyan LaserJet Toner Cartridge (~ 1,800 pages), CF211A HP 131A Yellow LaserJet Toner Cartridge (~ 1,800 pages), CF212A HP 131A Magenta LaserJet Toner Cartridge (~ 1,800 pages), CF213A
<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>WARRANTY</b>	One-year, limited warranty, product exchange

## FOR MORE INFORMATION VISIT OUR WEBSITE AT WWW.HP.COM

HP LaserJet Pro 200 color M251nw Product Number: CF147A

<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>Exact speed varies depending on the system configuration, software application, driver and document complexity. <sup>3</sup>HP ePrint: Requires an Internet connection to the printer. Feature works with any Internet- and e-mail-capable device. For details, <http://www.hp.com/go/ePrintCenter>. <sup>4</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>5</sup>Configuration tested: base model, simplex printing, A4 paper at an average of 14 ppm. Values are subject to change. For current information see <http://www.hp.com/support>. <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>Introductory cartridges included; yields ~ 700 color composite (C/M/Y) and ~ 700 black pages. Replacement cartridge average composite (C/M/Y) declared yield ~ 1,500 and average black yield ~ 1,400 pages for the standard cartridge and ~ 2,300 pages for the high-yield cartridge 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/learnaboutsplies>. <sup>8</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/learnaboutsplies>.