



# HP LaserJet Pro 200 color Printer M251 series

The ideal printer for business users who need to create professional-quality colour documents and marketing materials in the office, print from virtually anywhere<sup>1</sup>, and access business apps for printing web content without using a PC<sup>2</sup>.



### Enjoy fast set up and easy, web-connected printing.

- Use business apps and the 8.9 cm (3.5-in) colour touchscreen to access and print from the web<sup>2, 3</sup>.
- Use the colour touchscreen to preview and select the pictures that you want to print from your flash drive<sup>3</sup>.
- Install your printer fast – there's no CD required with HP Smart Install<sup>5</sup>.
- Print directly from a flash drive using the easy-access USB port<sup>3</sup>.

### Maintain the pace of business with mobile printing.

- Print from virtually anywhere with HP ePrint<sup>1</sup>.
- Print wirelessly from your iPad®, iPhone®, and iPod touch® with AirPrint™<sup>6</sup>.
- Send files from a mobile device directly to your printer – without a network – using HP ePrint wireless direct printing<sup>3, 7</sup>.
- Set up and share the printer anywhere in the office with wireless and built-in Ethernet connectivity<sup>3, 4</sup>.

### Create high-impact, colour marketing materials.

- Get accurate colour with HP ImageREt 3600 and ColorSphere II toner. Optimise settings with HP EasyColor.
- Boost productivity with print speeds of up to 14 ppm<sup>8</sup>. Reload the paper tray less often, thanks to the 150-sheet capacity.
- Create impressive colour marketing materials on a range of media, including HP specialty papers.
- Print affordably – get the same black cost per page as a black-only HP LaserJet printer<sup>9</sup>. Save money with the high-capacity HP LaserJet 131X Black Toner Cartridge<sup>10</sup>.

### Reduce your environmental impact.

- Reduce energy use with HP Auto-On/Auto-Off Technology which turns your printer on when you need it and off when you don't<sup>11</sup>.
- Save energy and time with Instant-on Technology<sup>12</sup> – start printing and get the first page out as fast as 19 seconds<sup>8</sup>.
- Receive consistent results with Original HP LaserJet toner cartridges and reorder with HP SureSupply<sup>13</sup>.
- Get free, easy recycling: toner cartridges returned through HP Planet Partners are recycled responsibly<sup>14</sup>.



<sup>1</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 [www.hp.com/go/eprintcenter](http://www.hp.com/go/eprintcenter). And for additional solutions, see [www.hp.com/go/mobile-printing-solutions](http://www.hp.com/go/mobile-printing-solutions).; <sup>2</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 [www.hp.com/go/eprintcenter](http://www.hp.com/go/eprintcenter).; <sup>3</sup> Feature only available on the HP LaserJet Pro 200 Color M251nw Printer.; <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> HP Smart Install works with Microsoft® Windows only.; <sup>6</sup> Supports the following devices running iOS 4.2 or later: iPad®, iPad® 2, iPhone® (3GS or later), iPod touch® (3rd generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your iOS device. Wireless performance is dependent upon physical environment and distance from the access point. AirPrint, the AirPrint Logo, iPad, iPhone, and iPod touch are trademarks of Apple® Inc., registered in the U.S. and other countries.; <sup>7</sup> Mobile device must be wireless-enabled and within wireless range of the printer. Printer must be HP ePrint-enabled and may require a firmware upgrade. Feature may require the download of drivers or apps to mobile device, available at [www.hp.com/go/eprintcenter](http://www.hp.com/go/eprintcenter).; <sup>8</sup> Printing speed measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see [www.hp.com/go/printerclaims](http://www.hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity. FPO exact speed varies depending on the system configuration, software programme, document complexity, network, media width, media weight, environment, and job size.; <sup>9</sup> Compared with HP LaserJet Pro P1606dn printer. Assuming customer is printing at least 30% of total pages in colour with content similar to the colour 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 colour pages printed, and other factors.; <sup>10</sup> HP 131X LaserJet Black Toner Cartridge not included; please purchase separately.; <sup>11</sup> HP Auto-On/Auto-Off capabilities subject to printer and settings.; <sup>12</sup> Compared with products that use traditional fusing.; <sup>13</sup> Programme features and availability may vary by country. For more information, visit [www.hp.com/learn/suresupply](http://www.hp.com/learn/suresupply).; <sup>14</sup> Programme 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 programme. For more information, or to request return envelopes and bulk collection boxes, visit [www.hp.com/recycle](http://www.hp.com/recycle).





# HP LaserJet Pro 200 color Printer M251 series

## TECHNICAL SPECIFICATIONS

Print Technology	Laser	What's In The Box	<b>CF146A:</b> HP LaserJet Pro 200 color M251n printer; 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 <b>CF147A:</b> HP LaserJet Pro 200 color M251nw printer; 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
Print Speed	<b>Black (Normal):</b> Up to 14 ppm; <b>First page out black (A4, ready):</b> As fast as 18.5 sec; <b>Colour (Normal):</b> Up to 14 ppm; <b>First Page Out Colour (A4, ready):</b> As fast as 19 sec;	Supplies	<b>CF210A</b> HP 131A Black LaserJet Toner Cartridge Average continuous Black Cartridge yield 1600 standard pages. Declared yield value in accordance with ISO/IEC 19798. <b>CF210X</b> HP 131X Black LaserJet Toner Cartridge Average continuous Black Cartridge yield 2400 standard pages. Declared yield value in accordance with ISO/IEC 19798. <b>CF211A</b> HP 131A Cyan LaserJet Toner Cartridge Average continuous composite Cyan/Yellow/Magenta Cartridge yield 1800 standard pages. Declared yield value in accordance with ISO/IEC 19798. <b>CF212A</b> HP 131A Yellow LaserJet Toner Cartridge Average continuous composite Cyan/Yellow/Magenta Cartridge yield 1800 standard pages. Declared yield value in accordance with ISO/IEC 19798. <b>CF213A</b> HP 131A Magenta LaserJet Toner Cartridge Average continuous composite Cyan/Yellow/Magenta Cartridge yield 1800 standard pages. Declared yield value in accordance with ISO/IEC 19798.
Print Resolution	<b>Black (Best):</b> Up to 600 x 600 dpi; <b>Black (Normal):</b> Up to 600 x 600 dpi; <b>Colour (Best):</b> Up to 600 x 600 dpi;	Operating Environment	<b>Operating Temperature Range:</b> 15 to 32.5°C <b>Recommended Operating Temperature:</b> 20 to 27°C <b>Storage Temperature Range:</b> -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
Print Technology Resolution	HP ImageREt 3600	Acoustic	<b>Acoustic Power Emissions:</b> 6.1 B(A) <b>Acoustic Pressure Emissions:</b> 47 dB(A)
Recommended Monthly Page Volume	250 to 1500	Power	<b>Power Supply Type:</b> Internal <b>Power Requirements:</b> Input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz) <b>Power Consumption:</b> 315 watts (printing), 11.5 watts (ready), 5.1 watts (sleep), 0.2 watts (off). Typical Electricity Consumption (TEC): 1.222 kWh/Week
Monthly Duty Cycle	Up to 30,000 pages	Product Certifications	CISPR 22:2005 +A1 (Class B); EN 55022:2006 +A1 (Class B); EN 61000-3-2:2006 +A1:2009 +A2:2009; EN 61000-3-3:2008; EN 55024:1998 +A1 +A2; FCC Title 47 CFR, EMC Directive 2004/108/EC with CE Marking (Europe); other EMC approvals as required by individual countries; <b>Safety certifications:</b> IEC 60950-1:2005 +A1; EN60950-1:2006 +A11:2009 +A1:2010; IEC 60825-1:2007 (Class 1 Laser/Led Product); EN 60825-1:2007 (Class 1 Laser/LED Product); GS Certificate (Germany, Europe); IEC 62479:2010; EN 62479:2010; Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries; <b>ENERGY STAR:</b> Yes
Standard Print Languages	HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation (via Universal Print Driver)	Product Dimensions	<b>CF146A:</b> 405 x 453 x 250 mm <b>CF147A:</b> 405 x 453 x 265 mm
Duplex Print Options	Manual (driver support provided)	Product Weight	<b>CF146A:</b> 18.7 kg <b>CF147A:</b> 18.8 kg
Number of Print Cartridges	4 (1 each black, cyan, magenta, yellow)	Security Management	<b>CF146A:</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 <b>CF147A:</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)
Printer Smart Software Features	<b>CF146A:</b> HP ePrint solutions, Apple AirPrint™, 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, monochrome transparencies, cover paper, cardstock, brochure paper, labels, envelopes, and more; <b>CF147A:</b> as CF146A plus wireless direct printing, print from front-panel USB (PDF and JPEG) and print directly from Cloud with business apps on the control panel;	Warranty	One-year limited warranty. Warranty and support options vary by product, country and local legal requirements.
Suresupply Supported	Yes	Country Of Origin	Product of China
Printer Management	Windows®: HP Device Toolbox (default install), SNP Alerts (minimum network install), HP Web Jetadmin (download); Mac: HP Utility	Service And Support Options	<b>UM137E</b> - HP 3 Year Care Pack w/Standard Exchange for Color LaserJet Printers (Available in all Europe, Middle East, Africa countries) <b>UM133E</b> - HP 3 Year Care Pack w/Next Day Exchange for Color LaserJet Printers (Available in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia)
Standard Connectivity	<b>CF146A:</b> 1 Hi-Speed USB 2.0 port; 1 Ethernet 10/100Base-TX network port <b>CF147A:</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, 1 Walkup USB		
Wireless Capability	<b>CF146A:</b> No <b>CF147A:</b> Yes, built-in WiFi 802.11 b/g/n, secure wireless direct printing		
Network Capabilities	<b>CF146A:</b> Via built-in 10/100 Ethernet network port <b>CF147A:</b> Via built-in 10/100 Ethernet network port or 802.11 b/g/n Wireless		
Supported Network Protocols	<b>CF146A:</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 <b>CF147A:</b> as CF146A plus WPA1/2 Personal and Enterprise		
Control Panel	<b>CF146A:</b> 2-line graphical LCD display; buttons (Cancel, Select, Reverse, Web Services, Right/Left arrows); LED indicator lights (Attention, Ready) <b>CF147A:</b> 8.89 cm intuitive touchscreen control panel with Colour Graphic Display (CGD)		
Fonts and Typefaces	80 scalable TrueType fonts (45 in HP PCL, 35 in HP Postscript Level 3 emulation); 4 fonts for Arabic (localized in firmware)		
Media Types Supported	Paper (bond, brochure, coloured, glossy, heavy, letterhead, light, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock		
Media Sizes Supported	A4, A5, A6, B5 (JIS); 10 x 15 cm, postcards (JIS single, JIS double); envelopes (DL, C5, B5)		
Media Weight	<b>Tray 1:</b> 60 to 163 g/m <sup>2</sup> (up to 220 g/m <sup>2</sup> with HP laser glossy photo papers)		
Media Sizes Custom	76 x 127 to 216 x 356 mm		
Standard Memory	128 MB		
Memory Upgrade	Not expandable		
Paper Handling	150-sheet input tray <b>Input Handling:</b> Up to 150 sheets, Up to 10 envelopes <b>Output Handling:</b> Up to 125 sheets, Transparencies: Up to 50 sheets		
Processor	<b>Processor Speed:</b> 750 MHz		
Software Included	Windows®: HP Installer/Uninstaller, HP PCL 6 print driver, Status Alerts, HP Update, DXP; Mac: HP Installer/Uninstaller, HP Postscript driver, HP Setup Assistant, HP Utility, HP Alerts, HP Firmware Updater		
Minimum System Requirements	<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 v10.5, v10.6, v10.7; 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		
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 2008 32-bit and 64-bit, Windows® Server 2003 32-bit (SP3 or higher); Mac OS X v10.5, v10.6, 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, 11.1, 11.2), Fedora™ (9, 10, 10.0, 11.0, 11.1, 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		

Count on dependable support to create the best image possible. We can help you enhance your printing and imaging environment, protect your IT investment, and grow your business—with expert support that's affordable, personal, and tailored to your needs through HP Care Pack Services.

For more information, visit our website at <http://www.hp.com>

HP LaserJet Pro 200 color Printer M251 series

© Copyright 2012 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. All brand and product names are trademarks or registered trademarks of their respective companies. The information contained in this document is subject to change without notice.

Published in EMEA September 2012 4AA4-2276EEE