



# HP LaserJet Pro MFP M225dn

This black-and-white desktop MFP increases productivity with automatic two-sided printing, built-in networking, security features, and mobile printing options.<sup>9</sup>



**Copy Resolution:** Up to 600 x 600 dpi black (text and graphics); color (text and graphics)

**Display:** 2-line LCD (text)

**Fax Resolution:** Up to 300 x 300 dpi (halftone enabled)

**Paper Handling:** 250-sheet input tray, 100-sheet output tray

**Duty Cycle:** Up to 8000 pages

**Standard connectivity:** Hi-Speed USB 2.0 port (host/device); built-in Fast Ethernet 10/100Base-TX network port; Phone line port (in/out)

## Designed for productivity

- Save time and help reduce paper costs, using reliable automatic two-sided printing and copying.
- Just start printing, quick and easy—with the simple control panel.
- Reduce employee time at the MFP—using the automatic document feeder.
- Put this MFP to work, right out of the box—full-capacity, 1500-page toner cartridge included.<sup>10</sup>

## Connect and protect your MFP

- Easily manage settings and help keep data secure with built-in features.
- Easily share this MFP using Ethernet connectivity.
- Connect via USB, and access tools at your PC to manage your MFP and supplies.
- Securely store print jobs, then print only what you need via secure authentication—right at the MFP.<sup>5</sup>

## Printing made mobile<sup>6</sup>

- Easily print from mobile devices at work, home, or on-the-go with this Mopria-certified MFP.<sup>7,9</sup>
- Quickly print from your iPhone®, iPad®, and iPod touch®, using Apple® AirPrint™—no setup or apps required.<sup>8</sup>



<sup>1</sup> Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections. <sup>2</sup> Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see <http://www.hpconnected.com> <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> HP Auto Wireless Connect may not be available for all system configurations. Wireless performance is dependent on physical environment and distance from access point. For information on compatibility, visit <http://www.hp.com/go/autowirelessconnect> <sup>5</sup> Available only in North America. HP Pull Print On Demand is available at no charge and requires the MFP be connected to the Internet with web services enabled. For more information, see <http://www.hpfullprintondemand.com> <sup>6</sup> Wireless direct printing is standard on the HP LaserJet Pro MFP M225dw only. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct-capable printer prior to printing. Depending on mobile device, an app or driver may also be required. Wireless performance is dependent on physical environment and distance from the access point in the printer. <sup>7</sup> Requires an Internet connection to an HP web-enabled printer and HP ePrint account registration. For a list of eligible printers, supported documents and image types, and other HP ePrint details, see [hpconnected.com](http://hpconnected.com). Mobile devices require Internet connection and email capability. May require wireless access point. Separately purchased data plans or usage fees may apply. Print times and connection speeds may vary. <sup>8</sup> Supports Apple® OS X® Lion, OS X Mountain Lion, and the following devices running iOS 4.2 or later: iPad® (all models), iPhone® (3GS or later), and 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 OS X or iOS device. Performance is dependent on physical environment and distance from the wireless access point. Wireless operations are compatible with 2.4 GHz routers only. <sup>9</sup> Local printing requires mobile device and printer to be on the same wireless network or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See <http://www.hp.com/go/mobileprinting> for more details. Some features require purchase of optional module. <sup>10</sup> Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For more information, visit: <http://www.hp.com/go/learnaboutsupplies>

# HP LaserJet Pro MFP M225dn Specifications Table

<b>Functions / Multitasking Supported</b>	Print, copy, scan, fax; Yes
<b>Print Speed</b>	<b>Letter:</b> Up to 26 ppm black; <sup>5</sup> <b>First Page Out:</b> As fast as 8 sec black; <sup>6</sup>
<b>Print Resolution</b>	<b>Black (best):</b> Up to 600 x 600 dpi
<b>Print Technology</b>	Laser
<b>Print Resolution Technologies</b>	HP FastRes 1200
<b>Print Cartridges Number</b>	1 (black)
<b>Standard Print Languages</b>	PCL5c, PCL6, PS, PCLm, PDF
<b>Printer Smart Software Features</b>	HP ePrint, Apple AirPrint™, Mopria-certified, Instant-on Technology, Duplex printing, HP Universal Print Driver and HP Web Jetadmin supported
<b>Printer Management</b>	Windows: HP Device Toolbox, Status Alerts (default install), SNP Alerts (minimum network install), HP Web Jetadmin (download); HP Scan; Scan to Email Wizard; Scan to Network Folder Wizard; Fax setup Wizard; HP Send Fax; LockSmith; FMS; RM; Mac: HP Utility
<b>Scan Type / Technology</b>	Flatbed, ADF; Contact Image Sensor (CIS)
<b>Scan Resolution</b>	<b>Hardware:</b> Up to 300 x 300 dpi (color and mono, ADF); Up to 600 x 600 dpi (color, flatbed); Up to 1200 x 1200 dpi (mono, flatbed); <b>Optical:</b> Up to 300 dpi (color and mono, ADF); Up to 600 dpi (color, flatbed); Up to 1200 dpi (mono, flatbed)
<b>Scan File Format</b>	JPEG, PDF, PNG
<b>Scan Input Modes</b>	Windows: Scanning via HP LaserJet Scan; Macintosh: HP Director or TWAIN-compliant or WIA-compliant software
<b>Scan Size</b>	<b>ADF:</b> 8.5 x 14 in Maximum; <b>Flatbed:</b> 8.5 x 11.7 in
<b>Scan Speed</b>	Up to 15 ppm (b&w), up to 6 ppm (color) <sup>10</sup>
<b>Bit depth / Grayscale levels</b>	24-bit; 256
<b>Copy Speed</b>	<b>Black (letter):</b> Up to 26 cpm; <sup>3</sup>
<b>Copy Resolution</b>	<b>Black (text and graphics):</b> Up to 600 x 600 dpi; Up to 600 x 600 dpi
<b>Maximum Number Of Copies</b>	Up to 99 copies
<b>Copier Resize</b>	25 to 400%
<b>Copier Settings</b>	Up to 99 multiple copies; Collation; Reduce/Enlarge from 25% to 400%; Contrast (Lighter/Darker); Resolution (Copy quality); ID copy; Copy optimization; Auto Select Copy Mode; Manual duplex
<b>Fax Speed</b>	<b>Up to:</b> 4.2 kbps; <b>Letter:</b> 3 sec per page <sup>4</sup>
<b>Fax Resolution</b>	<b>Black (best):</b> Up to 300 x 300 dpi (halftone enabled); <b>Black (standard):</b> 203 x 98 dpi
<b>Fax Features</b>	<b>Fax Memory:</b> Up to 400 pages; <b>Auto Fax Reduction Supported:</b> Yes; <b>Auto-Redialing:</b> Yes; <b>Fax Delayed Sending:</b> Yes; <b>Distinctive Ring Detection Supported:</b> Yes; <b>Fax Forwarding Supported:</b> Yes; <b>Fax Phone TAM Interface Supported:</b> Yes; <b>Fax Polling Supported:</b> Yes (poll to receive only); <b>Fax Telephone Mode Supported:</b> Yes; <b>Junk Barrier Supported:</b> Yes; <b>Maximum Speed Dialing Numbers:</b> Up to 120 numbers (119 group dials); <b>PC Interface Supported:</b> Yes; <b>Remote Retrieval Capability Supported:</b> No; <b>Telephone Handset Supported:</b> No
<b>Standard Connectivity</b>	Hi-Speed USB 2.0 port (host/device); built-in Fast Ethernet 10/100Base-TX network port; Phone line port (in/out)
<b>Network Capabilities</b>	10/100 Ethernet
<b>Network Ready</b>	Standard (built-in Ethernet)
<b>Wireless Capability</b>	No
<b>Mobile Printing Capability</b>	HP ePrint, Apple AirPrint™, Mopria-certified
<b>Memory</b>	<b>Standard:</b> 256 MB; <b>Maximum:</b> 256 MB
<b>Processor Speed</b>	600 MHz
<b>Duty Cycle</b>	<b>Monthly, letter:</b> Up to 8000 pages <sup>7</sup>
<b>Recommended Monthly Page Volume</b>	500 to 2000 <sup>8</sup>
<b>Media Types Supported</b>	Paper (heavy, letterhead, light, plain, preprinted, prepunched, recycled, rough), envelopes, transparencies, labels, postcards
<b>Media Weight Supported</b>	16 to 43 lb
<b>Media Sizes Supported</b>	Letter, legal, envelopes, postcards
<b>Media Sizes Custom</b>	Priority Tray: 3 x 5 to 8.5 x 14 in; 250-sheet Tray 2: 3 x 7.4 to 8.5 x 14 in
<b>Paper Handling</b>	250-sheet input tray, 10-sheet priority tray, 35-sheet Automatic Document Feeder (ADF); 100-sheet output bin; <b>Duplex Options:</b> Automatic (standard); <b>Auto Document Feeder Capacity:</b> Standard, 35 sheets; <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 1 (plus 10-sheet priority tray); <b>Input Capacities:</b> Up to 250 sheets; <b>Output Capacities:</b> Up to 100 sheets; Up to 10 envelopes; Up to 10 sheets
<b>What's in the box</b>	<b>CF484A</b> HP LaserJet M225dn; HP LaserJet Black Print Cartridge (~1500 pages); CDs containing device software and electronic User's Guide; Installation Guide; Support flyer; Power cord(s); Telecom cable; Fax cable <sup>1</sup>
<b>Replacement Cartridges</b>	HP 83A Toner Cartridge (Replacement Toner CRG, ~1500 pages) CF283A; HP 83X Toner Cartridge (High-capacity Replacement Toner CRG, ~2200 pages) CF283X
<b>Product Dimensions</b>	<b>W x D x H:</b> 17.42 x 11.37 x 14.6 in; <b>Maximum:</b> 17.42 x 16.05 x 14.6 in
<b>Product Weight</b>	24.4 lb
<b>Warranty Features</b>	One-year limited warranty
<b>Energy Efficiency Compliance</b>	ENERGY STAR® qualified; Blue Angel; EPEAT®
<b>Control Panel</b>	2-line LCD text display; Keys (OK, Cancel, Forward/Backward, Reverse, E-Print, Number keys, Fax Start, Fax redial, Number of Copy, Dark/Lightness, Copy Menu, Copy Start , Setup, Power button)
<b>Display Description</b>	2-line LCD (text)
<b>Software Included</b>	Windows: HP Installer/Uninstaller, HP PCL 6 print driver, Status Alerts, HP Update, DXR, HP DeviceToolBox, HPDU, HP Update; Mac: HP Installer/Uninstaller, HP Postscript driver, HP Setup Assistant, HP Utility, HP Alerts, HP Firmware Updater
<b>Fonts and Typefaces</b>	84 scalable TrueType fonts. Additional Font Solutions available at <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a> .

<b>Compatible Operating Systems</b>	Full software installs supported on: Windows 8.1 (32 & 64-bit), Windows 8 (32 & 64-bit), Windows 7 (32 & 64-bit), Windows Vista (32 & 64-bit), Windows XP (32-bit) (SP2 or higher); Driver only installs (by CD) supported on: Windows Server 2008 (32 & 64-bit), Windows Server 2003 (32-bit) (SP1 or higher), Windows Server 2003 R2 (32-bit), Windows Server 2008 R2 (64-bit); Driver only installs (by APW) supported on: Windows 8.1 (32 & 64-bit); Windows 8 (32 & 64-bit), Windows 7 (32 & 64-bit), Windows Vista (32 & 64-bit), Windows XP (32 & 64-bit) (SP2 or higher), Windows Server 2012 R2 (64-bit), Windows Server 2012 (64-bit), Windows Server 2008 R2 (SP1) (64-bit), Windows Server 2008 (32 & 64-bit), Windows Server 2003 R2 (32 & 64-bit), Windows Server 2003 (32 & 64-bit) (SP1 or higher), Windows Server 2003 Standard and Enterprise; Mac OS X Lion, OS X Mountain Lion, and Mavericks; For Linux/Unix support, please refer to: <a href="http://hplipopensource.com/hplip-web/index.html">http://hplipopensource.com/hplip-web/index.html</a>
<b>Compatible Network Operating Systems</b>	Full software installs supported on: Windows 8.1 (32 & 64-bit), Windows 8 (32 & 64-bit), Windows 7 (32 & 64-bit), Windows Vista (32 & 64-bit), Windows XP (32-bit) (SP2 or higher); Driver only installs (by CD) supported on: Windows Server 2008 (32 & 64-bit), Windows Server 2003 (32-bit) (SP1 or higher), Windows Server 2003 R2 (32-bit), Windows Server 2008 R2 (64-bit); Driver only installs (by APW) supported on: Windows 8.1 (32 & 64-bit); Windows 8 (32 & 64-bit), Windows 7 (32 & 64-bit), Windows Vista (32 & 64-bit), Windows XP (32 & 64-bit) (SP2 or higher), Windows Server 2012 R2 (64-bit), Windows Server 2012 (64-bit), Windows Server 2008 R2 (SP1) (64-bit), Windows Server 2008 (32 & 64-bit), Windows Server 2003 R2 (32 & 64-bit), Windows Server 2003 (32 & 64-bit) (SP1 or higher), Windows Server 2003 Standard and Enterprise; Mac OS X Lion, OS X Mountain Lion, and Mavericks; For Linux/Unix support, please refer to: <a href="http://hplipopensource.com/hplip-web/index.html">http://hplipopensource.com/hplip-web/index.html</a>
<b>Minimum System Requirements</b>	<b>PC:</b> Windows 8.1 (32 & 64-bit), Windows 8 (32 & 64-bit), Windows 7 (32 & 64-bit), Windows Vista (32 & 64-bit), Windows Server 2008 (32 & 64-bit), Windows Server 2008 R2 (32 & 64-bit), 1 GHz 32-bit (x86) or 64-bit (x64) processor, 1 GB RAM (32-bit) or 2 GB RAM (64-bit), 400 MB free hard disk space, CD/DVD-ROM or Internet, USB or Network port; Windows XP (32-bit) (SP2 or higher); Pentium® 233 MHz processor, 512 MB RAM 400 MB free hard disk space, CD/DVD-ROM or Internet, USB or Network port; Windows Server 2003 (32-bit) (SP1 or higher), Windows Server 2003 R2 (32-bit): 1 GHz (32-bit) (x86) processor, 1 GB RAM (32-bit), 400 MB free hard disk space, CD/DVD-ROM or Internet, USB or Network port.; <b>MAC:</b> OS X v 10.7 Lion; OS X v 10.8 Mountain Lion; OS X v 10.9 Mavericks; 1 GB available hard disk; Internet; USB
<b>Power</b>	<b>Power Requirements:</b> 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz), 5.4 A; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 2 Hz), 2.9 A (Not dual voltage, power supply varies by part number with # Option code identifier); <b>Power Consumption:</b> 470 watts (Active, Printing), 4.5 watts (Ready), 0.1 watts (Auto-Off), 0.1 watt (Manual-Off) <sup>2</sup>
<b>Acoustics</b>	<b>Acoustic Power Emissions:</b> 6.4 B(A); <b>Acoustic Pressure Emissions:</b> 50 dB(A)
<b>Operating Environment</b>	<b>Operating Temperature Range:</b> 59 to 90.5°F; <b>Recommended Operating Temperature:</b> 62.6 to 77°F; <b>Storage Temperature Range:</b> -4 to 104°F; <b>Non-Operating Humidity Range:</b> 10 to 80% RH; <b>Operating Humidity Range:</b> 30 to 70% RH; <b>Recommended Humidity Operating Range:</b> 10 to 90% RH
<b>Security Management</b>	Password-protected network embedded Web server; Enable/disable Network ports; SNMPv1 community password change
<b>HP Service and Support Options</b>	UQ223E - HP 2 Year Care Pack Business Priority Support with Next Business Day Exchange; UQ224E - HP 3 Year Care Pack Business Priority Support with Next Business Day Exchange; UQ225E - HP 4 Year Care Pack Business Priority Support with Next Business Day Exchange; U6M44E - HP 2 Year Care Pack Business Priority Support with Onsite Exchange; U6M45E - HP 3 Year Care Pack Business Priority Support with Onsite Exchange; U6M46E - HP 4 Year Care Pack Business Priority Support with Onsite Exchange

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<sup>1</sup> Standard cartridge included; Declared yield based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies> <sup>2</sup> Power reported is highest values measured for all product models using all standard voltages. Values are based on preliminary data, see [http://www.hp.com/go/lm1530\\_regulatory](http://www.hp.com/go/lm1530_regulatory) for current information. <sup>3</sup> First Copy Out and Copy Speed measured using ISO/IEC 29183 and ISO/IEC 24735, 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>4</sup> Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will increase the transmission time. <sup>5</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>6</sup> Exact speed varies depending on the system configuration, software application, driver and document complexity. <sup>7</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>8</sup> HP recommends that the number of pages per month of imaged output 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>9</sup> Program features and availability may vary by country. For more information, visit <http://www.hp.com/learn/suresupply> <sup>10</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

