



# HP LaserJet Pro M521dn Multifunction Printer

Finish jobs faster, produce high-quality documents, and make scanning and sharing simple. Send quick commands from an intuitive color touchscreen. Easily conserve resources and recycle used cartridges.<sup>7</sup>



## Quickly create, capture, and deliver documents

- Finish faster—with less standing around—using single-pass, dual-head scanning.
- Stay on schedule—print up to 42 pages per minute.<sup>1</sup> Handle high-volume printing without worries.
- Scan documents and send digital files in one easy step—to email, the cloud, network folders, or a USB drive.
- Efficiently handle large jobs, with an input capacity up to 1,100 sheets<sup>9</sup> and automatic two-sided printing.



## Increase efficiency with an easy-to-manage MFP

- Work smarter—access, store, and print business content quickly from the 8.89 cm (3.5-inch) color touchscreen.<sup>2</sup>
- Go from zero to done, right at the MFP—print, copy, scan, and fax with ease.
- Get a fast start with preinstalled cartridge. Save even more, using optional high-capacity cartridges.<sup>3</sup>
- Efficiently manage this MFP, using HP Web Jetadmin to remotely monitor office printing and device status.<sup>8</sup>

## Set up fast and stay connected

- HP ePrint—now print from your smartphone and tablet from virtually anywhere.<sup>5</sup>
- Use resources more efficiently with 10/100 Ethernet networking—easily print and share.
- Pull print jobs from your pocket—walk up and print right from a memory device via the USB port.

## Improve your energy costs and save resources

- Help save energy with HP Auto-On/Auto-Off Technology, Instant-on Copy, and Instant-on Technology.<sup>6</sup>
- Conserve resources and save paper—use automatic two-sided printing.
- Get centralized, easy access to custom energy-saving options and printer settings with HP EcoSMART Console.
- Reduce your impact—easily recycle Original HP LaserJet toner cartridges through HP Planet Partners.<sup>7</sup>



### HP EcoSolutions

- Reduce paper use by up to 50% using automatic two-sided printing.
- Reduce energy use with HP Instant-on Technology and HP Instant-on Copy.<sup>1</sup>
- Save energy—HP Auto-On/Auto-Off Technology turns your printer on when you need it and off when you don't.<sup>2</sup>

ENERGY STAR® qualified

<sup>1</sup>Compared with products that use traditional fusing and cold cathode fluorescent lamp (CCFL) copying.

<sup>2</sup>HP Auto-On and Auto-Off Technology subject to printer and settings.

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

<sup>1</sup>Printing speed measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity. First page out exact speed varies depending on the system configuration, software program, document complexity, network, media width, media weight, environment, and job size. <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 [hpconnected.com](http://hpconnected.com). <sup>3</sup>HP 55X Black LaserJet Toner Cartridge not included; please purchase separately. <sup>4</sup>Requires an Internet connection to 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. Some HP LaserJet printers may require firmware upgrades. <sup>5</sup>HP Auto-On and Auto-Off Technology are subject to printer and settings. Instant-on Technology claim based on comparison with products that use traditional fusing. Instant-on Copy claim based on comparison with fluorescent tubes. <sup>6</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: [hp.com/recycle](http://hp.com/recycle). <sup>7</sup>HP Web Jetadmin is free and can be downloaded at [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin). <sup>8</sup>Requires the purchase of an optional 500-sheet paper tray, sold separately.





# HP LaserJet Pro M521dn Multifunction Printer

## TECHNICAL SPECIFICATIONS

Functions	Print, copy, scan, fax
Print Technology	Laser
Standard Printer Languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, PCLm
Print Speed	<b>Black (A4):</b> Up to 40 ppm <sup>1</sup> ; <b>First Page Out Black:</b> As fast as 8.0 sec
Print Speed Duplex (A4)	Up to 21 ipm
Print Resolution	<b>Black (best):</b> Up to 1200 x 1200 dpi
Print Technology Resolution	HP FastRes 1200 (600 x 600 dpi), HP ProRes 1200 (1200 x 1200 dpi), 600 x 600 dpi
Printer Smart Software Features	HP ePrint, Apple AirPrint™, Wireless direct printing, HP Auto-On/Off technology
Recommended Monthly Page Volume	2000 to 6000 <sup>2</sup>
Duty Cycle	<b>Monthly, A4:</b> Up to 75,000 pages <sup>3</sup>
Auto Document Feeder Capacity	Standard, 50 sheets
Media Weights Supported, ADF	60 to 90 g/m <sup>2</sup>
Copy Speed	<b>Black (A4):</b> Up to 40 ppm <sup>4</sup>
Copy Resolution	<b>Black (text and graphics):</b> Up to 600 x 600 dpi; <b>Color (text and graphics):</b> Up to 600 x 600 dpi
Maximum Number Of Copies	Up to 99 copies
Copier Resize	25 to 400%
Copier Settings	Number of copies; Reduce/Enlarge; Lighter/Darker; Optimize; Paper; Multi-page copy; Collation; Tray select; Two-sided; Draft mode; Image adjustment; Set as new defaults; Restore defaults
Scan Type	Flatbed, ADF, <b>Duplex ADF scanning:</b> Yes
Scan Speed (A4)	Up to 19 ppm (black & white), up to 14 ppm (color) <sup>5</sup>
Scan Speed Duplex (A4)	Up to 35 ipm (black & white), up to 13 ipm (color)
Color Scanning	Yes
Scan Resolution	<b>Hardware:</b> Up to 300 x 300 dpi (color, grayscale and mono, ADF); Up to 1200 x 1200 dpi (color, grayscale and mono, flatbed); <b>Optical:</b> Up to 300, 600, 1200 dpi
Gray Scale Levels/Bit Depth	256; 24 bit (8 bit for grayscale duplex jobs)
Scan File Format	Windows Scan SW supports file format: JPG, RAW(BMP), PDF, TIFF, PNG; Mac Scan SW supports file format: TIFF, PNG, JPEG, JPEG-2000, PDF, PDF-Searchable, RTF, TXT
Scan Input Modes	From PC: Solution Center Lite (Windows Vista, Windows XP) or Device Stage (Windows 7, 8); TWAIN-compliant or WIA-compliant software
Scan Size Maximum	<b>Flatbed:</b> 216 x 297 mm
Scanner Advanced Features	Duplex scanning from ADF; Scan to USB flash drive; Scan to network folder; Scan to email; Scan to cloud; Optimize text/picture; Selectable scan resolution 75 to 300 dpi
Fax Speed	33.6 kbps
Fax Resolution	<b>Black and White, Best Mode:</b> Up to 300 x 300 dpi; <b>Black and White, Standard Mode:</b> 203 x 98 dpi
Fax Features	<b>Fax Memory (A4):</b> Up to 250 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; <b>Fax Telephone Mode Supported:</b> Yes; <b>Junk Barrier Supported:</b> Yes, requires Caller ID; <b>Maximum Speed Dialing Numbers:</b> Up to 100 numbers (each can contain 100 numbers); <b>PC Interface Supported:</b> Yes, software not included; <b>Remote Retrieval Capability Supported:</b> No; <b>Telephone Handset Supported:</b> No
Fax Smart Software Features	Permanent fax memory backup; Fax forwarding; Fax address book; TAM interface, Speed-dial; Group dial; Auto redial; Block junk faxes; Polling; Send a fax with confirmation; Private fax receive
Standard Connectivity	1 Hi-Speed USB 2.0 Device; 1 Hi-Speed USB 2.0 Host; 1 Gigabit Ethernet 10/100/1000Base-TX; 1 Telecom; 1 Phone
Network Capabilities	Via built-in 100/1000Base-TX networking
Mobile Printing Capability	HP ePrint, Apple AirPrint™, Mobile Apps
Control Panel	8.89 cm (3.5-in) intuitive touchscreen control panel with color graphic display; Buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error)
Processor Speed	800 MHz
Standard Memory	256 MB; <b>Maximum:</b> 256 MB
Fonts and Typefaces	84 scalable TrueType fonts. Additional Font Solutions available at <a href="http://hp.com/go/laserjetfonts">hp.com/go/laserjetfonts</a> .
Media Types Supported	Paper (bond, color, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes, labels, cardstock, transparencies, user-defined
Media Sizes Supported	Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Postcard (JIS), DPostcard (JIS), Envelope (B5, C5, C6, DL); Tray 2, optional Tray 3: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Postcard (JIS), DPostcard (JIS)
Media Sizes Custom	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional Tray 3: 105 x 148 to 216 x 356 mm
Media Weight Supported	Tray 1: 52 to 199 g/m <sup>2</sup> ; Tray 2, optional Tray 3: 52 to 120 g/m <sup>2</sup>
Print Handling	100-sheet multipurpose tray, 500-sheet input tray 2, 50-sheet Automatic Document Feeder (ADF), 250-sheet output bin, 100-sheet rear output bin, Optional 500-sheet tray; <b>Duplex Options:</b> Automatic (standard); <b>Envelope Feeder:</b> No; <b>Standard Paper Trays:</b> 2; <b>Input Capacities:</b> Maximum input capacity: Up to 1100 sheets (with optional paper tray), Up to 10 envelopes; <b>Output Capacities:</b> Maximum output capacity: Up to 350 sheets

What's In The Box	<b>ABP79A</b> HP LaserJet Pro MFP M521 dn; HP LaserJet Black introductory cartridge (~6000 pages); Printer documentation and software on CD-ROM; Installation guide, Support flyer, Warranty Card; Power cord; USB Cable (Brazil only); Fax Cable One CE255A cartridge included and its declared yield is 6000 pages based on ISO/IEC 19752. Actual yield may vary considerably based on images printed and other factors. For details please see <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a> . Pages may vary based on customer printing conditions and usage. And users can also purchase CE255X cartridge for this printer which declared yield is 12500 pages based on ISO/IEC 19752.
Accessories	<b>CE530A</b> HP LaserJet 500-sheet Feeder/Tray <b>CF338A</b> HP LaserJet MFP M525 Cabinet
Supplies	<b>CE255A</b> HP 55A Black LaserJet Toner Cartridge Average cartridge yields 6000 standard pages. Declared yield value in accordance with ISO/IEC 19752. <b>CE255X</b> HP 55X Black LaserJet Toner Cartridge Average cartridge yields 12,500 standard pages. Declared yield value in accordance with ISO/IEC 19752 <b>CE255XD</b> HP 55X Black Dual Pack LaserJet Toner Cartridges Average cartridge yields 12,500 standard pages. Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors.
Compatible Operating Systems	Full software installs supported on: Windows 8 32-bit and 64-bit, 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: Windows 2012; Windows Server 2008 32-bit and 64-bit, Windows Server 2003 32-bit (SP3 or higher); Mac OS X v 10.6.8 and later; Linux: 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, 11.1, 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); HP-UX 11 and Solaris 8/9
Minimum System Requirements	<b>PC:</b> Windows 7 (32-bit/64-bit), Windows Vista (32-bit/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: Pentium® 233 MHz processor, 512 MB RAM 400 MB free hard disk space, CD/DVD-ROM or Internet, USB or Network port <b>Mac:</b> Mac OS X v 10.6; PowerPC G4, G5, or Intel® Core™ Processor; 500 MB hard disk; CD-ROM/DVD-ROM or Internet; USB or Network port
Supported Network Protocols	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 Print, FTP Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless), SNMPv1/V2/V3; Security: SSL Security and certificate management, 802.1x
Software Included	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, Status Alerts, HP Update, DXP Readiris Software; Mac: HP Installer/Uninstaller, HP Postscript driver, HP Scan, HP Setup Assistant, HP Fax Print Driver, HP Utility, HP Alerts, HP Firmware Updater, Readiris Software
Printer Management	Windows: HP Device Toolbox, Status Alerts (default install), SNP Alerts (minimum network install), HP Web Jetadmin (download); Mac: HP Utility
Security Management	Embedded Web Server: password-protection, secure browsing via SSL/TLS; Network: enable/disable network ports and features, SNMPv1 community password change, SNMPv3, 802.1x, Firewall, Access Control List; HP ePrint: HTTPS with certificate validation, HTTP Basic Access authentication, SASL authentication
Acoustics	<b>Acoustic Power Emissions:</b> 6.7 dB(A) <sup>6</sup> <b>Acoustic Pressure Emissions:</b> 54 dB(A)
Power	<b>Power Supply Type:</b> Built-in power supply <b>Power Requirements:</b> Input voltage: 110 to 127 VAC (+/- 10%), 50/60Hz (+/- 2 Hz) and 220V-240 VAC (+/- 10%), 50/60Hz (+/- 2 Hz); 110V or 220V depending on option and country <b>Typical Electricity Consumption (TEC) Number:</b> 2.812 kWh/week <b>Power Consumption:</b> 760 watts (Printing), 520 watts (Copying from ADF), 18.2 watts (Ready), 4.3 watts (Sleep), 0.3 watts (Off) <sup>7</sup> <b>Energy savings feature technology:</b> HP Auto-on/Auto-off Technology; Instant-on Technology; Instant-on Copy
Operating Environment	<b>Operating Temperature Range:</b> 10 to 32.5°C <b>Recommended Operating Temperature:</b> 15 to 32.5°C <b>Storage Temperature Range:</b> -20 to 40°C <b>Recommended Humidity Operating Range:</b> 30 to 70% RH <b>Non-Operating Humidity Range:</b> 10 to 90% RH <b>Operating Humidity Range:</b> 10 to 80% RH
ENERGY STAR	Yes
Product Dimensions	w x d x h: 465 x 465 x 508 mm; <b>Maximum:</b> 465 x 900 x 750 mm
Product Weight	22.3 kg
Warranty	One-year limited warranty, Onsite
Service And Support Options	U6Z65E - HP 3 year Next business day + Defective Media retention LJ Pro M521/435 Multifunction printer Support; U6Z61E - HP 3 year 4 hour 9x5 LJ Pro M521/435 Multifunction printer Hardware Support; U6Z62E - HP 3 year 4 hour 13x5 LJ Pro M521/435 Multifunction printer Hardware Support; U6Z67PE - HP 1 year Post Warranty Next business day + Defective Media retention LJ Pro M521/435 Multifunction printer Support; U6Z68PE - HP 1 year Post Warranty 4 hour 9x5 LJ Pro M521/435 Multifunction printer Support; U6Z69PE - HP 1 year Post Warranty 4 hour 13x5 LJ Pro M521/435 Multifunction printer Support;

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ENERGY STAR® qualified models; see <http://www.hp.com/go/energystar>

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<sup>1</sup>Measured using ISO/IEC 24734, excludes first set of test documents. For more information see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>2</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>3</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>4</sup>First Copy Out and Copy Speed measured using ISO/IEC 29183, excludes first set of test documents. For more information see [hp.com/go/printerclaims](http://hp.com/go/printerclaims). Exact speed varies depending on the system configuration, software application, driver, and document complexity.

<sup>5</sup>Scan speeds of up to 21 ppm measured at 200 dpi (b&w) and up to 15 ppm at 200 dpi (color) from automatic document feeder when scanning to digital file. Actual speeds may vary depending on scan resolution, network conditions, computer performance and application software.

<sup>6</sup>Acoustic values are subject to change. For current information see [hp.com/support](http://hp.com/support). Configuration tested: LaserJet Pro M521dw, simplex printing, A4 paper at an average of 40 ppm. LaserJet Pro M521dw, ADF copy and print simplex using A4 paper.

<sup>7</sup>Values subject to change. Power numbers are the highest values measured using all standard voltages. See [hp.com/support](http://hp.com/support) for current information. 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.