



# LaserJet Pro MFP M521dn



(800) LASER-20 | www.lasercare.com

Finish jobs faster, produce high-quality documents, and make scanning and sharing simple. Get set up and connected quickly. Send quick commands from an intuitive color touchscreen. Easily conserve resources and recycle used cartridges.<sup>10</sup>

**Print speed:**<sup>1</sup> Up to 42 ppm black (letter), Up to 40 ppm black (A4)

**First page out (black):** As fast as 8.0 sec

**Scan speed (letter):**<sup>2</sup> Up to 21 ppm (b&w), up to 15 ppm (color)

**Copy resolution:** Up to 300 x 300 dpi black graphics and text, Up to 300 x 300 dpi color graphics and text

**Fax speed:**<sup>3</sup> 33.6 kbps, 6 sec per page (letter)

**Paper handling:** 100-sheet multipurpose tray, 500-sheet input tray 2, 50-sheet automatic document feeder, 250-sheet output bin, 100-sheet rear output bin

**Standard connectivity:** Hi-Speed USB 2.0, Host USB, Fast Ethernet, Telecom, Phone

**Duty cycle (monthly):**<sup>4</sup> Up to 75,000 pages



## 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>5</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 and automatic two-sided printing.

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

- Work smarter—access, store, and print business content quickly from the 3.5-inch color touchscreen.<sup>6</sup>
- Go from zero to done, right at the MFP—print, copy, scan, and fax with ease.
- Efficiently manage this MFP, using HP Web Jetadmin to remotely monitor office printing and device status.<sup>11</sup>

## Set up fast and stay connected

- Get this MFP up and running fast with HP Smart Install—no CD required.<sup>7</sup>
- HP ePrint—now print from your smartphone and tablet from virtually anywhere.<sup>8</sup>
- Use resources more efficiently with 100/1000 Base-TX 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>9</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>10</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<sup>®</sup> qualified

Join HP in more sustainable printing  
[www.hp.com/ecosolutions](http://www.hp.com/ecosolutions)

<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.

<sup>1</sup>Measured using ISO/IEC 24734, 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. <sup>2</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>3</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. <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>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. 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>6</sup>Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see [www.hpconnected.com](http://www.hpconnected.com). <sup>7</sup>HP Smart Install works with Microsoft Windows only. <sup>8</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 [www.hpconnected.com](http://www.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>9</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>10</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: [www.hp.com/recycle](http://www.hp.com/recycle). <sup>11</sup>HP Web Jetadmin is free and can be downloaded at [www.hp.com/go/webjetadmin](http://www.hp.com/go/webjetadmin).



# HP LaserJet Pro MFP M521dn



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## TECHNICAL SPECIFICATIONS

<b>AIO functions</b>	Print, copy, scan, fax; <b>AIO multitasking supported:</b> Yes
<b>Duplex print options</b>	Automatic (standard)
<b>Print speed<sup>1</sup></b>	Up to 42 ppm (black, letter); Up to 40 ppm (black, A4)
<b>First page out<sup>2</sup></b>	As fast as 8.0 sec
<b>Print technology</b>	Laser
<b>Print resolution</b>	<b>Black (best):</b> Up to 1200 x 1200 dpi; <b>Black (normal):</b> HP FastRes 1200 (1200 dpi quality), 600 x 600 dpi with HP Resolution Enhancement technology
<b>Print resolution technologies</b>	HP ProRes 1200 (1200 x 1200 dpi), HP FastRes 1200 (1200 dpi quality), HP Resolution Enhancement technology, 600 x 600 dpi, 300 x 300 dpi
<b>Print cartridges number</b>	1 (black)
<b>Printer smart software features</b>	HP ePrint, Apple AirPrint™, Smart Install, HP Auto-On/Auto-Off technology
<b>Mobile printing capability</b>	HP ePrint, Apple AirPrint™, Mobile Apps
<b>Standard print languages</b>	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, PCLm
<b>Printer management</b>	<b>Windows:</b> HP Device Toolbox, Status Alerts (default install), SNP Alerts (minimum network install), HP Web Jetadmin (download); <b>Mac:</b> HP Utility
<b>Scan type</b>	Flatbed, ADF
<b>Scan speed<sup>3</sup></b>	<b>Letter:</b> Up to 21 ppm (b&w), up to 15 ppm (color)
<b>Scan resolution</b>	<b>Hardware:</b> Up to 300 x 300 dpi (color, gray scale and mono, ADF); Up to 1200 x 1200 dpi (color, gray scale and mono, flatbed) <b>Optical:</b> Up to 300 x 300 dpi (color, gray scale and mono, ADF); Up to 1200 x 1200 dpi (color, gray scale and mono, flatbed)
<b>Scan technology</b>	Contact Image Sensor (CIS)
<b>Scan file format</b>	PDF, JPG, PNG, TIFF, HP-Raw, Searchable PDF
<b>Scan input modes</b>	<b>From PC:</b> Solution Center Lite (Windows Vista®, Windows® XP) or Device Stage (Windows® 7); TWAIN-compliant or WIA-compliant software
<b>Scan size maximum</b>	8.5 x 11.7 in
<b>Scanner advanced features</b>	Duplex scanning from ADF; Scan to USB flash drive; Scan to network folder; Scan to email; Scan to cloud; Optimize text/picture; Image adjustments; Output quality setting; Selectable scan resolution 75 to 600 dpi
<b>Twain version</b>	V1.9
<b>Bit depth/Grayscale levels</b>	24 bit (8 bit for grayscale duplex jobs)/256
<b>Copy speed<sup>4</sup></b>	Up to 42 ppm (black, letter); Up to 40 ppm (black, A4)
<b>Scan Speed Duplex</b>	letter : Up to 36 ppm (black & white), up to 14 ppm (color)
<b>Copy resolution</b>	<b>Black (text and graphics):</b> Up to 300 x 300 dpi; <b>Color (text and graphics):</b> Up to 300 x 300 dpi
<b>Max number of copies</b>	Up to 99 copies
<b>Copier resize</b>	25 to 400%
<b>Copier settings</b>	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
<b>Fax speed<sup>5</sup></b>	Up to 33.6 kbps; 6 sec per page
<b>Fax resolution</b>	<b>Black (best):</b> Up to 300 x 300 dpi; <b>Black (standard):</b> Up to 203 x 98 dpi; <b>Black and White (fine):</b> 203 x 196 dpi, 256 levels of gray; <b>Black Photo Grayscale:</b> 300 x 300 dpi (halftone)
<b>Fax smart software features</b>	Permanent fax memory backup; Fax forwarding; Fax address book; TAM interface, LAN/Internet fax; Speed-dial; Group dial; Auto redial; Block junk faxes; Polling; Send a fax with confirmation; Private fax receive
<b>Fax memory</b>	Up to 250 pages (letter)
<b>Fax features</b>	<b>Auto Fax Reduction Supported:</b> Yes; <b>Auto-Retrieving:</b> Yes; <b>Fax Delayed Sending:</b> No; <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>Junk Barrier Supported:</b> Yes, requires Caller ID; <b>PC Interface Supported:</b> Yes, software not included; <b>Telephone Handset Supported:</b> Yes; <b>Fax Telephone Mode Supported:</b> Yes
<b>Standard connectivity</b>	1 Hi-Speed USB 2.0; 1 Host USB; 1 Fast Ethernet; 1 Telecom; 1 Phone
<b>Network capabilities</b>	Via built-in 100/1000Base-TX networking
<b>Modem</b>	33.6 kbps
<b>Memory</b>	256 MB
<b>Processor speed</b>	800 MHz
<b>Duty cycle (monthly, A4)<sup>6</sup></b>	Up to 75,000 pages
<b>Recommended monthly page volume<sup>7</sup></b>	2,000 to 6,000 pages

For more information visit our website at [www.hp.com](http://www.hp.com)

HP LaserJet Pro MFP M521dn Product Number: A8P79A

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

<sup>1</sup>Measured using ISO/IEC 24734, 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. <sup>2</sup>Exact speed varies depending on the system configuration, software application, driver and document complexity. <sup>3</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>4</sup>First Copy Out and Copy Speed measured using ISO/IEC 29183, 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. <sup>5</sup>Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. <sup>6</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>7</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>8</sup>One CE255A cartridge included and its declared yield is 6,000 pages basing on ISO/IEC 19752. Actual yield vary considerably based on images printed and other factors. For details please see [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies). Pages may vary based on customer printing conditions and usage. And users can also purchase CE255X cartridge for this printer, which declared yield is 12,500 pages basing on ISO/IEC 19752. <sup>9</sup>Values subject to change. Power numbers are the highest values measured using all standard voltages. See [www.hp.com/support](http://www.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. <sup>10</sup>Acoustic values are subject to change. For current information see [www.hp.com/support](http://www.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.

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<b>Paper handling</b>	100-sheet multipurpose tray, 500-sheet input tray 2, 50-sheet automatic document feeder, 250-sheet output bin, 100-sheet rear output bin <b>Input:</b> Up to 600 sheets, Up to 10 envelopes <b>Output:</b> Up to 250 sheets, Up to 75 sheets transparencies,
<b>Media type</b>	Paper (bond, color, letterhead, plain, pre-printed, prepunched, recycled, rough); envelopes, labels, cardstock, transparencies, user-defined
<b>Media weight</b>	<b>Tray 1:</b> 52 to 199 g/m <sup>2</sup> ; <b>Tray 2:</b> 52 to 120 g/m <sup>2</sup> ; <b>Tray 3:</b> 52 to 120 g/m <sup>2</sup>
<b>Media Sizes Custom</b>	<b>Tray 1:</b> 3 x 5 to 8.5 x 14 in (76 x 127 to 216 x 356 mm); <b>Tray 2, optional 500-sheet tray (3, 4):</b> 4.1 x 5.8 to 8.5 x 14 in (105 x 148 to 216 x 356 mm)
<b>Auto document feeder capacity</b>	Standard, 50 sheets
<b>Dimensions (W x D x H)</b>	18.3 x 18.3 x 20 in (465 x 465 x 508 mm) <b>Maximum:</b> 18.3 x 35.4 x 29.5 in (465 x 900 x 750 mm)
<b>Weight</b>	52.7 lb (22.3 kg)
<b>What's in the box<sup>8</sup></b>	HP LaserJet Pro MFP M521dn; HP LaserJet Black introductory cartridge (~6000 pages); Printer documentation and software on CDs (Windows/Mac OS installation CD & Readiris CD including OCR software); Installation guide, Support flyer, Warranty Card; power cord; Fax Cable
<b>Replacement cartridges</b>	HP 255A Black LaserJet Toner Cartridge, CE255A HP 255X Black LaserJet Toner Cartridge, CE255X
<b>Warranty features</b>	One-year limited warranty, Onsite
<b>Compatible operating systems</b>	Full software installs supported on: Windows 8, 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 Server 2008 32-bit and 64-bit, Windows Server 2003 32-bit (SP3 or higher); Mac OS X v 10.6.8 and later; 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>Minimum system requirements</b>	<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
<b>Fonts and typefaces</b>	84 scalable TrueType fonts. Additional Font Solutions available at <a href="http://www.hp.com/go/laserjetfonts">www.hp.com/go/laserjetfonts</a> .
<b>Control panel</b>	3.5-in intuitive touchscreen control panel with color graphic display; Buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error)
<b>Display</b>	3.5-in (8.89 cm) touchscreen, LCD (color graphics)
<b>Power<sup>9</sup></b>	<b>Power supply type:</b> Built-in power supply <b>Power supply required:</b> Input voltage: 110 to 127 VAC (+/- 10%), 50/60Hz (+/- 2 Hz) <b>Power consumption:</b> 760 watts (Printing), 18.2 watts (Ready), 4.3 watts (Sleep), 0.3 watts (Off)
<b>Software included</b>	<b>Windows:</b> 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; <b>Mac:</b> HP Installer/Uninstaller, HP Postscript driver, HP Scan, HP Setup Assistant, HP Fax Print Driver, HP Utility, HP Alerts, HP Firmware Updater, Readiris Software
<b>Acoustic<sup>10</sup></b>	<b>Acoustic power emissions:</b> 6.7 B(A) <b>Acoustic power emissions (active copy):</b> 6.8 B(A) <b>Acoustic power emissions (ready):</b> Inaudible <b>Acoustic pressure emissions bystander (active copy):</b> 54 dB(A) <b>Acoustic pressure emissions bystander (active, printing):</b> 54 dB(A) <b>Acoustic pressure emissions bystander (ready):</b> Inaudible
<b>Operating environment</b>	<b>Operating humidity range:</b> 10 to 80% RH <b>Non-operating humidity range:</b> 10 to 90% RH <b>Recommended operating humidity range:</b> 30 to 70% RH <b>Operating temperature range:</b> 50 to 90.5° F (10 to 32.5° C) <b>Recommended operating temperature range:</b> 50 to 90.5° F (10 to 32.5° C) <b>Storage temperature range:</b> -4 to 104° F (-20 to 40° C)
<b>Security management</b>	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1/v2 / community password change, SNMPv3 password change.
<b>Accessories</b>	HP LaserJet 500-sheet Feeder/Tray, CE530A HP LaserJet MFP M525 Cabinet, CF338A
<b>Care Packs</b>	HP 3 year 4h 9X5 LaserJet Pro M521MFP HW Support, U6261E HP 3 year 4h 13X5 LaserJet Pro M521MFP HW Support, U6262E HP 3 year Next Business Day + DMR LaserJet Pro M521MFP Support, U6265E HP 1 year Post Warranty Next Business Day + DMR LaserJet Pro M521MFP Support, U6267PE HP 1 year Post Warranty 4h 9x5 LaserJet Pro M521MFP Support, U6268PE HP 1 year Post Warranty 4h 13x5 LaserJet Pro M521MFP Support, U6269PE HP Network Install Inkjet/Personal LaserJet Service, H3110E