LaserJet Pro MFP M521dn

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.[10]

Print speed:[1] 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):[2] 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:[3] 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):[4] 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.[5] 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.[6]
- 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.[11]

Set up fast and stay connected

- Get this MFP up and running fast with HP Smart Install—no CD required.[7]
- HP ePrint—now print from your smartphone and tablet from virtually anywhere.[8]
- 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.[9]
- 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.[10]

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.[1]
- Save energy—HP Auto-On/Auto-Off Technology turns your printer on when you need it and off when you don't.[2]

ENERGY STAR® qualified

Join HP in more sustainable printing
www.hp.com/ecosolutions

[1]Compared with products that use traditional fusing and cold cathode fluorescent lamp (CCFL) copying.
[2]HP Auto-On and Auto-Off Technology subject to printer and settings.

[1]Measured using ISO/IEC 24734, excludes first set of test documents. For more information see **www.hp.com/go/printerclaims**. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [2]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. [3]Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. [4]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. [5]Printing speed measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see **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. [6]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**. [7]HP Smart Install works with Microsoft Windows only. [8]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**). 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. [9]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. [10]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**. [11]HP Web Jetadmin is free and can be downloaded at **www.hp.com/go/webjetadmin**.

ENERGY STAR
Compatible with Windows 7
Works with Windows Vista
ePrint
2-sided printing
Mac
Easy access USB

HP LaserJet Pro MFP M521dn

TECHNICAL SPECIFICATIONS

AIO functions	Print, copy, scan, fax; **AiO multitasking supported:** Yes
Duplex print options	Automatic (standard)
Print speed[1]	Up to 42 ppm (black, letter); Up to 40 ppm (black, A4)
First page out[2]	As fast as 8.0 sec
Print technology	Laser
Print resolution	**Black (best):** Up to 1200 x 1200 dpi; **Black (normal):** HP FastRes 1200 (1200 dpi quality), 600 x 600 dpi with HP Resolution Enhancement technology
Print resolution technologies	HP ProRes 1200 (1200 x 1200 dpi), HP FastRes 1200 (1200 dpi quality), HP Resolution Enhancement technology, 600 x 600 dpi, 300 x300 dpi
Print cartridges number	1 (black)
Printer smart software features	HP ePrint, Apple AirPrint™, Smart Install, HP Auto-On/Auto-Off technology
Mobile printing capability	HP ePrint, Apple AirPrint™, Mobile Apps
Standard print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, PCLm
Printer management	**Windows:** HP Device Toolbox, Status Alerts (default install), SNP Alerts (minimum network install), HP Web Jetadmin (download); **Mac:** HP Utility
Scan type	Flatbed, ADF
Scan speed[3]	**Letter:** Up to 21 ppm (b&w), up to 15 ppm (color)
Scan resolution	**Hardware:** Up to 300 x 300 dpi (color ,gray scale and mono, ADF); Up to 1200 x 1200 dpi (color, gray scale and mono, flatbed) **Optical:** Up to 300 x 300 dpi (color ,gray scale and mono, ADF); Up to 1200 x 1200 dpi (color, gray scale and mono, flatbed)
Scan technology	Contact Image Sensor (CIS)
Scan file format	PDF, JPG, PNG, TIFF, HP-Raw, Searchable PDF
Scan input modes	**From PC:** Solution Center Lite (Windows Vista®, Windows® XP) or Device Stage (Windows® 7); TWAIN-compliant or WIA-compliant software
Scan size maximum	8.5 x 11.7 in
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; Image adjustments; Output quality setting; Selectable scan resolution 75 to 600 dpi
Twain version	V1.9
Bit depth/Grayscale levels	24 bit (8 bit for greyscale duplex jobs)/256
Copy speed[4]	Up to 42 ppm (black, letter); Up to 40 ppm (black, A4)
Scan Speed Duplex	letter : Up to 36 ppm (black & white), up to 14 ppm (color)
Copy resolution	**Black (text and graphics):** Up to 300 x 300 dpi; **Color (text and graphics):** Up to 300 x 300 dpi
Max 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
Fax speed[5]	Up to 33.6 kbps; 6 sec per page
Fax resolution	**Black (best):** Up to 300 x 300 dpi; **Black (standard):** Up to 203 x 98 dpi; **Black and White (fine):** 203 x 196 dpi, 256 levels of gray; **Black Photo Grayscale:** 300 x 300 dpi (halftone)
Fax smart software features	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
Fax memory	Up to 250 pages (letter)
Fax features	**Auto Fax Reduction Supported:** Yes; **Auto-Redialing:** Yes; **Fax Delayed Sending:** No; **Distinctive Ring Detection Supported:** Yes; **Fax Forwarding Supported:** Yes; **Fax Phone TAM Interface Supported:** Yes; **Fax Polling Supported:** Yes; **Junk Barrier Supported:** Yes, requires Caller ID; **PC Interface Supported:** Yes, software not included; **Telephone Handset Supported:** Yes; **Fax Telephone Mode Supported:** Yes
Standard connectivity	1 Hi-Speed USB 2.0; 1 Host USB; 1 Fast Ethernet; 1 Telecom; 1 Phone
Network capabilities	Via built-in 100/1000Base-TX networking
Modem	33.6 kbps
Memory	256 MB
Processor speed	800 MHz
Duty cycle (monthly, A4)[6]	Up to 75,000 pages
Recommended monthly page volume[7]	2,000 to 6,000 pages

Paper handing	100-sheet multipurpose tray, 500-sheet input tray 2, 50-sheet automatic document feeder, 250-sheet output bin, 100-sheet rear output bin **Input:** Up to 600 sheets, Up to 10 envelopes **Output:** Up to 250 sheets, Up to 75 sheets transparencies,
Media type	Paper (bond, color, letterhead, plain, pre-printed, prepunched, recycled, rough); envelopes, labels, cardstock, transparencies, user-defined
Media weight	**Tray 1:** 52 to 199 g/m²; **Tray 2:** 52 to 120 g/m²; **Tray 3:** 52 to 120 g/m²
Media Sizes Custom	**Tray 1:** 3 x 5 to 8.5 x 14 in (76 x 127 to 216 x 356 mm); **Tray 2, optional 500-sheet tray (3, 4):** 4.1 x 5.8 to 8.5 x 14 in (105 x 148 to 216 x 356 mm)
Auto document feeder capacity	Standard, 50 sheets
Dimensions (W x D x H)	18.3 x 18.3 x 20 in (465 x 465 x 508 mm) **Maximum:** 18.3 x 35.4 x 29.5 in (465 x 900 x 750 mm)
Weight	52.7 lb (22.3 kg)
What's in the box[8]	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
Replacement cartridges	HP 255A Black LaserJet Toner Cartridge, CE255A HP 255X Black LaserJet Toner Cartridge, CE255X
Warranty features	One-year limited warranty, Onsite
Compatible operating systems	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); HPUX 11 and Solaris 8/9.
Minimum system requirements	**PC:** 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 **Mac:** Mac OSX v 10.6; PowerPC G4, G5, or Intel® Core™ Processor; 500 MB hard disk; CD-ROM/DVD-ROM or Internet; USB or Network port
Fonts and typefaces	84 scalable TrueType fonts. Additional Font Solutions available at **www.hp.com/go/laserjetfonts**.
Control panel	3.5-in intuitive touchscreen control panel with color graphic display; Buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error)
Display	3.5-in (8.89 cm) touchscreen, LCD (color graphics)
Power[9]	**Power supply type:** Built-in power supply **Power supply required:** Input voltage: 110 to 127 VAC (+/- 10%), 50/60Hz (+/- 2 Hz) **Power consumption:** 760 watts (Printing), 18.2 watts (Ready), 4.3 watts (Sleep), 0.3 watts (Off)
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
Acoustic[10]	**Acoustic power emissions:** 6.7 B(A) **Acoustic power emissions (active copy):** 6.8 B(A) **Acoustic power emissions (ready):** Inaudible **Acoustic pressure emissions bystander (active copy):** 54 dB(A) **Acoustic pressure emissions bystander (active, printing):** 54 dB(A) **Acoustic pressure emissions bystander (ready):** Inaudible
Operating environment	**Operating humidity range:** 10 to 80% RH **Non-operating humidity range:** 10 to 90% RH **Recommended operating humidity range:** 30 to 70% RH **Operating temperature range:** 50 to 90.5º F (10 to 32.5º C) **Recommended operating temperature range:** 50 to 90.5º F (10 to 32.5º C) **Storage temperature range:** -4 to 104º F (-20 to 40º C)
Security management	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1/v2/ community password change, SNMPV3 password change.
Accessories	HP LaserJet 500-sheet Feeder/Tray, CE530A HP LaserJet MFP M525 Cabinet, CF338A
Care Packs	HP 3 year 4h 9X5 LaserJet Pro M521MFP HW Support, U6Z61E HP 3 year 4h 13X5 LaserJet Pro M521MFP HW Support, U6Z62E HP 3 year Next Business Day + DMR LaserJet Pro M521MFP Support, U6Z65E HP 1 year Post Warranty Next Business Day + DMR LaserJet Pro M521MFP Support, U6Z67PE HP 1 year Post Warranty 4h 9x5 LaserJet Pro M521MFP Support, U6Z68PE HP 1 year Post Warranty 4h 13x5 LaserJet Pro M521MFP Support, U6Z69PE HP Network Install Inkjet/Personal LaserJet Service, H3110E

For more information visit our website at www.hp.com

HP LaserJet Pro MFP M521dn Product Number: A8P79A

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

[1]Measured using ISO/IEC 24734, excludes first set of test documents. For more information see **www.hp.com/go/printerclaims**. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [2]Exact speed varies depending on the system configuration, software application, driver and document complexity. [3]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. [4]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**. Exact speed varies depending on the system configuration, software application, driver, and document complexity. [5]Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory. [6]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. [7]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. [8]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**. 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. [9]Values subject to change. Power numbers are the highest values measured using all standard voltages. See **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. [10]Acoustic values are subject to change. For current information see **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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