

Product guide



# Elevate your business

HP LaserJet Pro MFP M521 series



# Contents

Take your business to the next level	3
Product walk around	4
Top features at a glance	5
Quickly create, capture, and deliver documents	6
Increase efficiency with an easy-to-manage MFP	8
Stay connected	10
Help improve your energy costs and save resources	11
Technical specifications	12
Ordering information	16

# Take your business to the next level

Why wait? Now you can finish faster. With the HP LaserJet Pro MFP M521series, you can print faster than ever, produce high-quality documents, and make scanning and sharing simple. Send quick commands from an intuitive colour touchscreen. Easily conserve resources and recycle used cartridges.<sup>1</sup> Elevate your business, not just by keeping up in today's fast-paced business world, but by helping to lead the way.

## Who can benefit?

This MFP is ideal for small to medium-size businesses and cost-conscious enterprises that need advanced scanning features, access to time-saving commands through the easy-to-use touchscreen, and convenient networking in a device that can lower their environmental impact.

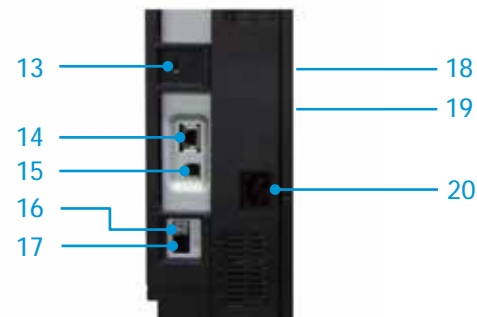


# Product walk around

- 1 Intuitive 8.89 cm colour touchscreen control panel with business apps<sup>2</sup>
- 2 50-sheet automatic document feeder (ADF) with automatic two-sided scanning
- 3 Plate glass scanner handles up to A4 size
- 4 250-sheet output bin with extension for long paper
- 5 100-sheet rear output bin
- 6 100-sheet multipurpose tray 1 handles heavy custom media up to 199 g/m<sup>2</sup>
- 7 500-sheet input tray 2
- 8 Tray fill indicator
- 9 Easy-access USB port to save and print files directly
- 10 Front door release button allows convenient access to HP all-in-one toner cartridge
- 11 Built-in automatic two-sided printing
- 12 On/Off button
- 13 Access port for optional Kensington style lock
- 14 Gigabit Ethernet network port for easy sharing
- 15 Hi-Speed USB 2.0 printing port
- 16 RJ 11-fax port
- 17 Telephone "line out" port
- 18 800 MHz processor, 256 MB RAM
- 19 Built-in 802.11b/g/n wireless networking (dw model only)
- 20 Power connection



Front view



Rear I/O panel close-up

## Series at a glance



HP LaserJet Pro MFP M521dn



HP LaserJet Pro MFP M521dw

Part number	A8P79A	A8P80A
Print speed, A4 <sup>3</sup>	Up to 40 ppm Up to 21 ppm duplex	Up to 40 ppm Up to 21 ppm duplex
Print input capacity (standard/optional) <sup>4</sup>	600/1,100	600/1,100
50-sheet ADF with two-sided scanning	Ü	Ü
Automatic two-sided printing	Ü	Ü
Fax and phone ports	Ü	Ü
Gigabit Ethernet network port	Ü	Ü
802.11b/g/n wireless networking <sup>5</sup>	Not available	Ü
Recommended monthly page volume <sup>6</sup>	2,000 to 6,000	2,000 to 6,000
Duty cycle (pages per month) <sup>7</sup>	Up to 75,000	Up to 75,000
ENERGY STAR® certified	Ü	Ü

# Top features at a glance

Equip your office with this feature-rich, easy-to-manage MFP. Stay productive and efficient with fast printing, copying, scanning, and faxing capabilities. Top features are highlighted below.



Productivity features

## Quickly create, capture, and deliver documents

- Print fast and stay on schedule with automatic duplex (two-sided) printing at speeds up to 21 pages per minute (ppm) and single-sided printing up to 40 ppm A4.<sup>3</sup>
- Efficiently handle large jobs with a maximum input capacity of 1,100 sheets.<sup>4</sup>
- Use the 50-sheet automatic document feeder to heighten productivity. Finish faster—with less standing around—using single-pass, two-sided scanning.<sup>8</sup>
- Scan documents and send digital files in one easy step—to email, the cloud, network folders, or a USB drive.



Color touchscreen

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

- Work smarter—access, store, and print business content quickly from the 8.89 cm colour touchscreen with business apps.<sup>2</sup>
- Walk up and print right away, using the easy-access USB port.
- Go from zero to done, right at the MFP—print, copy, scan, and fax with ease.
- Save even more time and help reduce costs when you use optional high-capacity cartridges.<sup>9</sup>
- Efficiently manage this MFP, using the HP Embedded Web Server and HP Web Jetadmin<sup>10</sup> to remotely monitor office printing and device status, or monitor device security settings with optional HP Imaging and Printing Security Center.<sup>11</sup>



On-the-go printing

## Stay connected

- Share wirelessly throughout the office with the M521dw model.<sup>5</sup>
- Print from your smartphone or tablet from virtually anywhere, with HP ePrint.<sup>12</sup> Easily send print jobs wirelessly without a network.<sup>13</sup>
- Use resources more efficiently with Gigabit Ethernet 100/1000Base-TX networking—easily print and share.



Auto-On/Off technology

## 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>14</sup>
- Conserve resources and save paper by using automatic two-sided printing and HP Smart Print.
- 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>1</sup>

# Quickly create, capture, and deliver documents

Maintain peak performance with fast print speeds. Scan both sides of a page in one pass, and easily turn paper documents into digital files. Help save paper with two-sided printing, and use the 50-sheet automatic document feeder to heighten productivity. Plus, this smart MFP can multi-task—you can receive a fax while the device is busy printing.



Up to 42 ppm  
(letter)

## Boost productivity with quick print speeds

Need documents fast? With 256 MB of memory and an 800 MHz processor, this MFP delivers black and white prints at speeds up to 40 ppm (A4)<sup>3</sup> and first page out speeds as fast as 8 seconds from ready for printing or 9 seconds for copying (letter).<sup>15</sup>



Up to 1,100 sheets  
with optional tray 3

## Keep moving with expandable, versatile paper handling

Help meet the needs of your high volume imaging and printing environment and handle large jobs efficiently.

- This MFP has a standard paper capacity up to 600 sheets, expandable with one optional 500-sheet paper and heavy media tray to reach a capacity up to 1,100 sheets. With the option to load paper in volume or use each tray for a different paper type, you won't need to reload paper as frequently.
- The multipurpose tray supports heavy custom media up to 199 g/m<sup>2</sup>. This includes HP Cover Paper, offering the utmost in versatility. All trays are adjustable to provide exceptional flexibility.
- Expand your media options with support for a wide variety of media types, including envelopes, labels, transparencies, and card stock. Print on a broad range of media sizes, including A4, letter, legal, executive, and more.
- Automatic two-sided printing helps reduce the cost of wasted paper and virtually doubles the MFPs' input capacity.
- An optional rolling printer cabinet is available for free standing installations. This sturdy cabinet lets you place the MFP right where you need it, while adding storage for extra paper and supplies.



50-sheet ADF

## Unattended, uninterrupted copying and scanning

You can copy, scan, or fax up to 50 legal-sized originals from the automatic document feeder (ADF)—there's no need for you to handle every page. Scan or copy two-sided pages fast, in just one pass, with the ADF's dual-head scanner. The 216 x 297 mm flatbed scanner lets you easily copy and scan odd sizes, delicate documents, and bound material.

## Easily create copies

The device may be used as a standalone, walk-up copier—you do not need to be connected to the network or a computer to make copies. You can adjust all copy settings at the control panel, including contrast and lightness/darkness of reproduction, reduction or enlargement from 25 to 400 percent, and copy optimization, which automatically detects the document type and adjusts settings for the best results.

There's even a setting for easily copying two-sided ID cards. Choose ID Copy from the control panel to capture both sides of a double-sided identification card and print them on one side of a single page for reporting and filing.



Scan to email

## Scan documents directly to network folders or email

Streamline your workflow with direct digital sending. It's quick and easy to capture paper documents and send them directly to email, network folders, or to the cloud. Set-up wizards help you configure your MFP's digital sending features. These scan features help you:

- **Save time and resources**—without these features, you'd need to scan a document to your PC, then send it as an attachment via email from your computer or move it to a network folder. And since there's nothing to print, these features cut down on paper and toner usage.
- **Save space and help increase security**—no need to keep hard copies of sensitive documents. You don't have to worry about lost paper or using up valuable space in a filing cabinet.
- **Get instant access**—have an instant digital copy of what you scan, from invoices to checks, estimates to contracts. Provide immediate access to scanned documents for others on your network, if you choose.

## Scan using other software

This MFP works with Windows®-based programs that support TWAIN-compliant or WIA-compliant scanning devices and with Macintosh-based programs that support ICA-compliant scanning devices. Using one of these software programs, you can gain access to the scanning feature and scan an image directly into the open program.

## Enjoy peace of mind with legendary HP reliability

With a monthly duty cycle of up to 75,000 pages,<sup>7</sup> the MFP is built to keep intervention rates low so you can stay productive.

Prior to its introduction, a new HP LaserJet device undergoes rigorous HP testing to provide consistent, high-quality output. Tests are performed with a large sample of devices through each step of the design process, to be certain that the device measures up to HP standards. The result is a solid, reliable product that produces consistent, excellent output quality over the life of the device and its supplies.

The MFP comes with a standard one-year, limited warranty (onsite). Additional warranty and service extension options are available.

## Relax with support services from HP

What if you could rest assured that your entire imaging and printing network was producing high quality results—reliably, consistently, and without interruption? What if you could do this without breaking your budget? And what if you could count on one of the most trusted names in information technology for ongoing support? Now you can.

HP Care Pack services are designed with all of these needs in mind. HP Care Pack services provide an easy to buy, easy to use portfolio of packaged services that expand and enhance the warranty coverage on your device—at a price you can afford. In some cases, the cost of a 3 year Next Day Onsite Care Pack service can be less than the cost of a single out of warranty repair. We deliver proven expertise to provide you with everything from supplemental service to a virtual IT staff. For more details on service and maintenance offerings, see "Ordering information" on page 16.



HP Care Pack  
services

# Increase efficiency with an easy-to-manage MFP

## Work smarter with this colour touchscreen control panel



Color touchscreen

The bright 8.89 cm colour graphic touchscreen will transform the way you use your multifunction device. You can complete many common tasks without ever touching your computer.

### Save time with business apps

The MFP gives you quick access to handy apps right from the touchscreen control panel. These are special applications available exclusively to HP web-enabled printing devices. Business apps connect your device to the Internet in an altogether new and seamless way.<sup>2</sup> Choose from a growing library of apps that make printing faster, simpler, and more useful than ever. Access your documents and print them in one touch from the touchscreen colour display.

Select apps to:

- Keep commonly used business forms—invoices, contracts, receipts, and more—at your fingertips. Print them when you need them without a computer.
- Quickly access and print web content.
- Store documents and images on the web. Use convenient apps to easily scan spreadsheets, newspapers, images, and more to your Google™ Drive or Box.net account to be viewed, shared, or printed anytime, all without logging on to your computer.



### Walk up and print using the easy-access USB port

The control panel includes an easy-access USB port to print files directly from your thumb drive. Access saved documents or photos and print them quickly. You can also scan files directly to the USB drive without a computer.



Easy-access USB

## Deliver reliable, consistently outstanding results

HP LaserJet all-in-one toner cartridges are a crucial component of the printing system. The toner cartridge, toner, and imaging drum are integrated into one supply, which means that you refresh the imaging system every time you insert a new cartridge.

When it's time to replace the cartridge, choose the optional high-capacity Original HP LaserJet black toner cartridge. With a high-capacity cartridge, you can print more pages for less and replace supplies less often.<sup>9</sup>

HP Smart Printing technology is activated every time you install an Original HP toner cartridge. The HP cartridge, MFP, and software are designed to work together to enable easy, high-quality laser printing, and allow you to monitor your current supplies, order new supplies online, and print successfully.

The HP LaserJet Pro MFP M521 series features a front door that offers a single point of access to replace HP printing supplies and clear paper jams. Clearly labelled parts, easy-to-understand instructions, and cartridge status information from the control panel or HP device management tools make supplies management and troubleshooting easy for all users.





## Manage devices remotely

Proactively manage your MFP and help save valuable time with convenient device management tools. HP Device Toolbox for Windows and HP Utility for Mac OS X provide easy access to the product's HP Embedded Web Server. Here you can view device and network status and adjust settings from your computer, instead of from the MFP control panel.

The MFP is also supported by HP's fleet management tool, HP Web Jetadmin, for remote monitoring. The HP Universal Print Driver (UPD) provides a versatile single-driver solution for nearly every HP device in your managed printing environment—including the HP LaserJet Pro MFP M521 series. The UPD now supports end-to-end encrypted printing, so you can help keep sensitive information private. For more information, or to download these free tools, visit [hp.com/go/wja](http://hp.com/go/wja) or [hp.com/go/upd](http://hp.com/go/upd).

## Fleet-level protection

Use optional HP Imaging and Printing Security Center (HP IPSC), the policy-based solution that helps you increase security, strengthen compliance, and reduce risk across your imaging and printing fleet.<sup>16</sup>

- Stream line the process to securely deploy and monitor devices by applying a single security policy across the fleet.
- Easily achieve baseline security with the HP Best Practices Base Policy—no security expertise required.
- Actively maintain and verify compliance with your defined security policies by using HP IPSC automated monitoring and risk-based reporting.

To learn more about HP Imaging and Printing Security Center or to obtain a free 60-day trial, please visit [hp.com/go/ipsc](http://hp.com/go/ipsc).

# Stay connected

## Share the MFP easily

Designed to be easy to share with a small workteam, the MFP offers embedded wired networking capabilities that allow you to connect directly to a Gigabit Ethernet 100/1000Base-TX network. The M521dw model also includes 802.11b/g/n networking, so you can connect the MFP directly to a wireless (Wi-Fi) network.<sup>5</sup> Wireless networking allows work teams with a wireless router and a notebook or desktop computer with a wireless card or adapter to print via Wi-Fi—there's no need for a cable between the computer and the MFP. The benefits that are unique to built-in wireless networking include:

- **Increased mobility**—Place the MFP anywhere in your wireless network environment.
- **Reduced cable clutter**—Keep your office environment tidy and organized with fewer cables.
- **Simpler relocation**—Fewer cables make it easier to move equipment from one location to another. There's no need to install expensive LAN cabling.

## Print from virtually anywhere



On-the-go  
printing

With HP ePrint mobile printing, there's no need to wait to print on the go.<sup>12</sup> Simply send the prints you want to your MFP using a smartphone, notebook, or other mobile device.<sup>17</sup> Larger documents, presentations, and PDF files can be difficult to read on small, handheld device screens, but now you can easily print these documents from your mobile device to read or take with you.

This MFP is also Google Cloud Print ready, with no need for print drivers or additional software. Simply register with your HP ePrint email address on Google's HP registration page ([google.com/cloudprint/learn/setup-hp.html](http://google.com/cloudprint/learn/setup-hp.html)).

Print from a variety of mobile devices on the go:

- Download the HP ePrint app from your provider and you're ready to print. Use your mobile device to locate the web-connected printer or MFP closest to you. Then simply print your documents and pick them up.
- Attach your document to an email message. Forward that message to a web-connected printer or MFP from your email-capable device and collect your printed document.
- Use Apple® AirPrint™ to easily print wirelessly from your iPad®, iPhone® or iPod touch®.<sup>18</sup>

# Help improve your energy costs and save resources

It has never been more important to save energy and resources. HP technologies can help. HP's largest impact on the environment is through its products. The environmental performance of products is largely determined at the design stage. HP's Design for the Environment initiative is driving improvements at every stage in the product lifecycle—helping reduce the amount of energy, paper, packaging, and materials used at HP and by our customers.

## Conserve energy

With its intelligent design, this MFP can help you meet your environmental goals, without sacrificing performance:

- **ENERGY STAR® certified product**—HP printing and imaging equipment marked with the ENERGY STAR® logo is qualified to the U.S. Environmental Protection Agency's ENERGY STAR® specifications for imaging equipment. Additional ENERGY STAR® information is listed at: [hp.com/go/energystar](http://hp.com/go/energystar).
- **HP Auto-On/Auto-Off Technology**—Stay productive and conserve resources with intelligence that can turn your MFP on when you need it and off when you don't.<sup>14</sup>
- **Instant-on Technology and Instant-on Copy**—HP LaserJet products with Instant-on Technology use an innovative, quick-heating fuser system that warms rapidly and cools quickly. The MFP's scanner requires no warm-up time.<sup>14</sup>
- **HP EcoSMART Console**—Accessed through the MFP's embedded web server, HP EcoSMART Console lets you easily control sleep and power down modes to create a customized energy experience that's just right for you and your business.



Auto-On/Off technology

## Reduce cartridge waste and save paper

Get up to 50% paper savings by using automatic two-sided printing. In managed print environments, HP Web Jetadmin can help cut the cost of paper consumption by setting automatic two-sided printing as the default for individual devices or entire fleets (for two-sided printing capable devices).<sup>10</sup>



2-sided printing

## Print web content responsibly with HP Smart Print

Finally, stop getting extra pages you don't want when printing from the web. HP Smart Print, a free download, works with Microsoft® Internet Explorer®, Mozilla Firefox®, and Google Chrome™ browsers to help you organize web content before you print. By avoiding printing clipped pages or lines of useless text, excess pages are typically reduced by as much as 25% when printing from the Internet.<sup>19</sup> To download, go to [hp.com/go/smartprint](http://hp.com/go/smartprint).



HP Smart Print

## Reduce your impact—recycle HP cartridges

Toner cartridge recycling is easy and free with the HP Planet Partners program, available in more than 50 countries, territories, and regions around the world.<sup>1</sup> All Original HP toner cartridges returned to HP through Planet Partners are recycled to recover raw materials. HP never refills, resells, or sends HP print cartridges to a landfill.

# Technical specifications



**HP LaserJet Pro MFP M521dn**



**HP LaserJet Pro MFP M521dw**

<b>Functions</b>	Print, copy, scan, fax (with multitasking capabilities)	
<b>Advanced features</b>	HP Auto-On/Auto-Off technology, HP ePrint, Mobile Apps, scan to cloud, Apple AirPrint, easy-access USB port	Auto Wireless Connect, HP Auto-On/Auto-Off technology, HP ePrint, Mobile Apps, scan to cloud, Apple AirPrint, easy-access USB port, Wireless Direct printing
<b>Control panel</b>	8.89 cm intuitive touchscreen control panel with colour graphic display; Buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error, Wireless)	
<b>Print speed<sup>3</sup></b>	Up to 40 ppm A4 Up to 21 ppm duplex A4	
<b>First page out<sup>15</sup></b>	As fast as 8.0 seconds from ready (A4)	
<b>Print resolution</b>	HP ProRes 1200 (1200 x 1200 x 1 dpi), HP FastRes1200 (600 x 600 x 2 dpi), 600 x 600 x 1 dpi	
<b>Print features</b>		
Print from easy-access USB	File formats: PDF, PS, Print Ready files (.prn, .pcl, .cht)	
Two-sided printing	Automatic	
<b>Scan features</b>		
ADF scan speed (A4) <sup>8</sup>	Single side: up to 19 ppm (black & white), up to 14 ppm (colour) Both sides (duplex scanning): up to 35 ipm (black & white), up to 13 ipm (colour)	
Scan resolution	ADF: up to 300 x 300 dpi (colour, greyscale and mono) Flatbed: up to 1200 x 1200 dpi (colour, greyscale and mono) Enhanced: 75, 150, 300 (control panel option) Optical: 300, 600, 1200 dpi	
Bit depth	1/8/24 bit	
Greyscale levels	256	
TWAIN version	HP TWAIN v1.9	
File formats	Windows scan software supports file format: JPG, RAW (BMP), PDF, TIFF, PNG Mac scan software supports file format: TIFF, PNG, JPEG, JPEG-2000, PDF, PDF-Searchable, RTF, TXT Scan to easy-access USB: PDF, JPEG	
Scan input modes	From PC: Solution Center Lite (Windows Vista®, Windows XP®) or Device Stage (Windows 7, 8); TWAIN-compliant or WIA-compliant software	
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	
<b>Copy features</b>		
Copy speed <sup>20</sup>	Up to 40 cpm (copies per minute) A4	
Copy resolution	Up to 600 x 600 dpi	
Copier settings	Up to 99 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 features</b>		
Fax speed	Up to 33.6 kbps (up to 3 seconds per page) <sup>21</sup>	
Fax memory	Up to 250 pages (includes permanent fax memory backup)	
Fax resolution	Black (best): up to 300 x 300 dpi; black (standard): 203 x 98 dpi; black-and-white (superfine): 300 x 300 dpi (no halftone); black-and-white (fine): 203 x 196 dpi, 256 levels of grey; black photo greyscale: 300 x 300 dpi (halftone)	



**HP LaserJet Pro MFP M521dn**



**HP LaserJet Pro MFP M521dw**

Advanced features	Permanent fax memory backup; auto fax reduction; broadcasting (up to 100 locations); distinctive ring detection; fax forwarding; send a fax with confirmation; delayed sending; private fax receive; fax phone TAM interface; polling; junk barrier (requires caller ID); fax address book; speed dial (up to 100 numbers); group dial; auto redial; PC interface supported (software not included); telephone mode supported	
<b>Processor and memory</b>	800 MHz, 256 MB RAM	
<b>Durability ratings</b>		
RMPV (recommended monthly page volume) <sup>6</sup>	2,000 to as high as 6,000	
Duty cycle <sup>7</sup>	Up to 75,000 pages (A4)	
<b>Media specifications</b>		
Input capacities	Paper capacity: up to 600 sheets standard; up to 1,100 sheets with optional tray 3 Multipurpose tray 1: up to 100 sheets; up to 10 envelopes Tray 2 and optional tray 3: up to 500 sheets Automatic document feeder (ADF): up to 50 sheets	
Output media handling	250-sheet output bin, 100-sheet rear output bin	
Media sizes	Multipurpose tray (tray 1): A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, 16K, Postcard (JIS), DPostcard (JIS), Envelope (B5, C5, C6, DL); custom media sizes: 76 x 127 to 216 x 356 mm Tray 2 and optional tray 3: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, 16K, Postcard (JIS), DPostcard (JIS); custom media sizes: 105 x 148 to 216 x 356 mm Standard media sizes supported (metric): A4, RA4, Oficio 216 x 343, Oficio 216 x 347, 10 x 15 cm, B5 (JIS), B6 (JIS), Postcard (JIS), Double Postcard (JIS), A5, A6, 16K 195 x 270 mm, 16K 184 x 260 mm, 16K 197 x 273 mm Standard media sizes supported (imperial): Letter, Legal, Statement, 3 x 5, 4 x 6, 5 x 7, 5 x 8, Executive, 8.5 x 13, Envelope #9, Envelope #10, Envelope Monarch, Envelope C5, Envelope DL, Envelope B5, Envelope C6; Discrete Custom Sizes: minimum size 3 x 5 in, maximum size 8.5 x 14 in Automatic two-sided printing: A4, RA4, letter, legal, oficio ADF: 127 x 127 mm to 216 x 356 mm Scanner glass (flatbed): no minimum; up to 216 x 297 mm	
Media weights	Multipurpose tray (tray 1): 52 to 199 g/m <sup>2</sup> Tray 2 and optional tray 3: 52 to 120 g/m <sup>2</sup> Automatic two-sided printing: 52 to 120 g/m <sup>2</sup> ADF: 60 to 90 g/m <sup>2</sup>	
Media types	Paper (bond, colour, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes, labels, cardstock, transparencies, user-defined	
<b>Connectivity</b>	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	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; 1 Wireless 802.11b/g/n
<b>Print languages</b>	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm	
<b>Fonts</b>	84 scalable TrueType fonts; additional font solutions available at <a href="http://hp.com/go/laserjetfonts">hp.com/go/laserjetfonts</a>	
<b>Printer management</b>	Windows: HP Device Toolbox, Status Alerts (default install), SNP Alerts (minimum network install), HP Web Jetadmin (free download), HP Embedded Web Server Mac: HP Utility	
<b>Network protocols</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 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	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 Wireless: 802.11 b/g/n, WPA2-PSK, WPA2-Enterprise, WPS, Apple AirPrint™, HP Wireless Direct Print Security: SSL Security and certificate management, 802.1x



**HP LaserJet Pro MFP M521dn**



**HP LaserJet Pro MFP M521dw**

<b>Security management</b>	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	Wireless: WEP (128 bit), WPA/WPA2 - Personal (AES, TKIP), WPA/WPA2 - Enterprise (EAP-TLS, PEAP, LEAP); 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
<b>Compatible operating systems<sup>22</sup></b>	Full software installs supported on: Microsoft 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: Microsoft 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, 11.1, 11.2), Fedora (9, 9.0, 10, 10.0, 11.0, 11.2, 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>System requirements, PC</b>	Microsoft Windows 8 (32-bit/64-bit), 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>System requirements, 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>Dimensions</b>	Width x depth x height: 465 x 465 x 508 mm; Maximum: 465 x 900 x 750 mm	
<b>Weight</b>	22.3 kg	
<b>What's in the box<sup>23</sup></b>	HP LaserJet Pro MFP M521dn, HP LaserJet black introductory cartridge (~6,000 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, USB cable (AP & Brazil only), fax cable	HP LaserJet Pro MFP M521dw, HP LaserJet black introductory cartridge (~6,000 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, USB cable (AP & EMEA only), fax cable (AP & EMEA only)
<b>Software included</b>	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, DXPP, 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	
<b>Downloadable software</b>	Windows Full Software Solution; HP Universal Print Drivers; HP PrintView; HP EcoPrint Console; HP ePrint Mobile Driver; Mac Software Solution; Linux Software Solution; UNIX® Print Driver Latest supported operating systems and print drivers available at <a href="http://hp.com/go/support">hp.com/go/support</a>	
<b>Warranty</b>	One-year limited warranty, onsite (for web support, visit: <a href="http://hp.com/support/ljmfpm521series">hp.com/support/ljmfpm521series</a> )	

## Environmental and power specifications



HP LaserJet Pro MFP M521dn



HP LaserJet Pro MFP M521dw

<b>Environmental ranges</b>	
Temperatures	Operating: 10 to 32.5° C; Storage: -20 to 40° C; Recommended: 15 to 32.5° C
Relative humidity range	Operating: 10 to 80% RH; Non-operating: 10 to 90% RH; Recommended: 30 to 70% RH
<b>Acoustic power emissions<sup>24</sup></b>	
	Ready mode: inaudible; Active printing: 6.7 B(A); Active copying: 6.8 B(A)
<b>Acoustic pressure emissions (bystander)<sup>24</sup></b>	
	Ready mode: inaudible; Active printing and copying: 54 dB(A)
<b>Power specifications<sup>25</sup></b>	
	ENERGY STAR® certified
Power supply required	Input voltage: 110 to 127 VAC (+/- 10%), 50/60Hz (+/- 2 Hz) and 220 to 240 VAC (+/- 10%), 50/60Hz (+/- 2 Hz)
Power consumption <sup>26</sup>	760 watts (printing), 520 watts (copying from ADF), 18.2 watts (ready), 4.3 watts (sleep), 0.3 watts (off)
Typical Electricity Consumption (TEC)	2.812 kWh/week
Energy-saving features	HP Auto-on/Auto-off Technology, Instant-on Technology, Instant-on Copy <sup>14</sup>
<b>Environmental specifications</b>	
	Mercury free
<b>Safety approvals and requirements</b>	
	IEC 60950-1 +A1 (International), EN 60950-1 +A11 +A1 +A12 (EU), IEC 60825-1, UL/cUL Listed (US/Canada), GS License (Europe), EN 60825-1 (Class 1 Laser/LED Device), Low Voltage Directive 2006/95/EC with CE Marking (Europe); other safety approvals as required by individual countries
<b>Electromagnetic emission standard</b>	
	CISPR 22: 2008/EN 55022: 2010 Class A, EN 61000-3-2: 2006 +A1:2009 +A2:2009, EN 61000-3-3:2008, EN 55024: 1998+A1+A2, FCC Title 47 CFR, Part 15 Class A (USA), ICES-003, Issue 4, (Canada), GB9254-2008, GB17625.1-2003, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries
<b>Telecom compliance certifications</b>	
	<div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>Fax Telecom: ES 203 021; R&amp;TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe); FCC Part 68; Industry Canada CS03; NOM-151-SCTI-1999 (Mexico); PTC-200 (New Zealand); other Telecom approvals as required by individual countries</p> </div> <div style="width: 48%;"> <p>Fax Telecom: ES 203 021; R&amp;TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe); FCC Part 68; Industry Canada CS03; NOM-151-SCTI-1999 (Mexico); PTC-200 (New Zealand); other Telecom approvals as required by individual countries</p> <p>Wireless telecommunications: EU (R&amp;TTE Directive 1999/5/EC, EN 301 489-1 V1.8.1:2008-04, EN 301 489-17 V2.1.1:2009-05, EN 300 328 V1.7.1:2006-10); US (FCC 15.247); Canada RSS-210, IEC 62311:2007, EN62311:2008.</p> </div> </div>

# Ordering information

Use accessories and supplies specifically designed for the MFP to help provide efficient performance. To order the accessories and supplies listed here, go to [hp.com](http://hp.com). If you don't have access to the Internet, contact your qualified HP dealer.

<b>MFPs</b>	HP LaserJet Pro MFP M521dn HP LaserJet Pro MFP M521dw	A8P79A A8P80A
<b>Replacement toner cartridges<sup>27</sup></b>	Standard HP LaserJet Black Cartridge (~6,000 page yield) High capacity HP LaserJet Black Cartridge (~12,500 page yield)	CE255A CE255X
<b>Accessories</b>	HP LaserJet 500-sheet Feeder/Tray HP LaserJet MFP Cabinet HP Jetdirect ew2500 802.11b/g Wireless Print Server HP Jetdirect 2700w USB Wireless Print Server (available in 2012) Font solutions available at <a href="http://hp.com/go/laserjetfonts">hp.com/go/laserjetfonts</a>	CE530A CF338A J8021A J8026A
<b>HP Care Pack Services<sup>28</sup></b> Select the right HP Care Pack Service for your HP LaserJet MFP at <a href="http://hp.com/go/cpc">hp.com/go/cpc</a>	3 year Next Business Day LaserJet Pro M521 MFP Hardware Support 1 year Post Warranty Next Business Day LaserJet Pro M521 MFP Hardware Support	U6Z59E U6Z70PE
<b>Paper</b>	<a href="http://hp.com/go/learnaboutsupplies">hp.com/go/learnaboutsupplies</a> +800 7644 7644	
<b>Software</b>	HP Web Jetadmin: <a href="http://hp.com/go/wja">hp.com/go/wja</a> HP Universal Print Driver: <a href="http://hp.com/go/upd">hp.com/go/upd</a> HP Imaging and Printing Security Center: <a href="http://hp.com/go/ipsc">hp.com/go/ipsc</a>	

## Contact information

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Web address: [hp.com](http://hp.com)

Contact HP by country:

[welcome.hp.com/country/us/en/wwcontact\\_us.html](http://welcome.hp.com/country/us/en/wwcontact_us.html)



## Notes

- <sup>1</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>2</sup> Requires an Internet connection to the MFP. Services may require registration. App availability varies by country, language, and agreements. For details, see [hpconnected.com](http://hpconnected.com).
- <sup>3</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>4</sup> Capacity up to 1,100 sheets with one optional 1x 500 sheet accessory paper tray; not included; please purchase separately.
- <sup>5</sup> HP wireless direct printing, built-in wireless connectivity, and HP Auto Wireless Connect are only available on the HP LaserJet Pro MFP M521dw. Wireless performance is dependent upon physical environment and distance from access point. For information on compatibility, visit [hp.com/go/autowirelessconnect](http://hp.com/go/autowirelessconnect).
- <sup>6</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>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> Scan speeds of up to 21 ppm measured at 200 dpi (black and white) and up to 15 ppm at 200 dpi (colour) 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>9</sup> HP LaserJet 255X Black Toner Cartridge not included; please purchase separately.
- <sup>10</sup> HP Web Jetadmin is free and can be downloaded at [hp.com/go/webjetadmin](http://hp.com/go/webjetadmin).
- <sup>11</sup> HP Imaging and Printing Security Center must be purchased separately.
- <sup>12</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>13</sup> Mobile device must be wireless-enabled. Printer must be HP ePrint-enabled. Feature may require drivers or apps, available for download at [hpconnected.com](http://hpconnected.com).
- <sup>14</sup> HP Auto-On and Auto-Off Technology capabilities 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 cold cathode fluorescent lamp (CCFL) copying.
- <sup>15</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>16</sup> Based on an HP assessment of printer manufacturer security offerings in market as of November 1, 2011.
- <sup>17</sup> Requires an internet connection. Supports internet-capable mobile devices running iOS or Android with separately purchased wireless Internet service. Separately purchased data plans or usage fees may apply. Connection speeds may vary.
- <sup>18</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.
- <sup>19</sup> An independent 2009 study commissioned by HP with Mozilla Firefox 14.0.1, Internet Explorer 9, and Google Chrome 21.0.1180.79. Study compared paper consumption using HP Smart Print with a web browser's print command when printing typical content from the Internet.
- <sup>20</sup> 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>21</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>22</sup> Windows 7 / 2008R2 SP1, Windows XP (64-bit) SP2 and greater, Windows Server 2012, Windows Server 2008 (Standard Edition), Windows Server 2008 (Enterprise Edition), Windows Server 2003 (Standard Edition), Windows Server 2003 (Enterprise Edition), Windows Server 2003 (64-bit), SP1 (x86 and x86-64) only support Print driver and Scan driver.
- <sup>23</sup> One CE255A cartridge included and its declared yield is 6,000 pages basing on ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For details please see [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies). Pages may vary based on customer printing conditions and usage. Users can also purchase CE255X cartridge for this printer: declared yield is 12,500 pages basing on ISO/IEC 19752.
- <sup>24</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>25</sup> 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. Power consumption in Standby and Sleep modes depends on customer network switch capability, user configuration and network activity.
- <sup>26</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.
- <sup>27</sup> Declared yield value in accordance with ISO/IEC 19752. Actual yields vary considerably based on images printed and other factors. For more information, visit [hp.com/go/learnaboutsupplies](http://hp.com/go/learnaboutsupplies).
- <sup>28</sup> Service options in terms of availability, response times, and business hours coverage can vary by country. For additional information visit [hp.com/services/carepack](http://hp.com/services/carepack).

## Sign up for updates

[hp.com/go/getupdated](http://hp.com/go/getupdated)

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