# HP LaserJet Pro MFP M521 series



Finish jobs faster, produce high-quality documents, and make scanning and sharing simple. Get set up and connected quickly<sup>1,2</sup>. Send quick commands from an intuitive colour touchscreen. Easily conserve resources and recycle used cartridges.<sup>3</sup>





### Highlights

- · Print, copy, scan and fax
- Print/copy up to 40 ppm
- · 256 MB RAM, 800 MHz processor
- · Hi-Speed USB 2.0; Host USB; Fast Ethernet; Telecom
- Up to 1200 x 1200 dpi with HP FastRes
- 2,000 to 6,000 pages monthly page volume







Wireless direct



Easy access USB



#### Finish faster – with less standing around – using single-pass, dual-head scanning.

- Maintain peak performance with fast print speeds of up to 40 ppm <sup>4</sup>. Rely on a robust recommended monthly page volume of 2000 to 6000 pages.
- Handle high-volume printing without worries, thanks to a 600-sheet paper input, expandable to 1100 sheets <sup>5</sup>, and a 250-sheet output tray.
- Work faster, single-pass, dual-head scanning. Scan documents and send digital files to email, the cloud, network folders or a USB drive, in one easy step.
- Save paper with two-sided printing, and use the 50-sheet automatic document feeder to heighten productivity.

#### Work smarter – access, store and print content quickly from the 8.89 cm colour touchscreen.<sup>6</sup>

- Easily complete a range of print, copy, scan and fax tasks. Go from zero to done, right at the MEP
- Access, store and print web content from the MFP's touchscreen using business apps installed on the device.<sup>6</sup>
- Save time with an easy-to-install Original HP cartridge, and cut costs, using an optional high-capacity cartridge.<sup>7</sup>
- Efficiently monitor and manage this MFP, using HP Web Jetadmin to track office printing and device status.  $^8$

#### Share wirelessly across the office.<sup>1</sup>

- Enjoy unparalleled flexibility: print from your smartphone or tablet from virtually anywhere <sup>2,9</sup>
- Use HP Auto Wireless Connect to configure networking without wires. 1,2
- Use resources more efficiently with wireless<sup>2</sup> and 10/100/1000T Gigabit Ethernet networking—easily print and share.<sup>1</sup>
- And pull print jobs from your pocket walk up and print right from a memory device via the USB port.

## Save energy with HP Auto-On/Auto-Off Technology, Instant-on Copy, and Instant-on Technology. $^{10}\,$

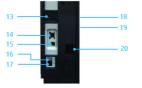
- Help reduce energy and conserves resources. Use HP Instant-on Copy and HP Auto-On/Auto-Off Technology.<sup>10</sup>
- With the HP EcoSMART Console, you get instant access to custom energy-saving options and printer settings. So you can centrally configure all your printers to use the most energy- and resource-efficient settings.
- Cut your environmental impact and costs even further with automatic two-sided printing.
- Easily recycle used cartridges for free, with HP Planet Partners.<sup>3</sup>

#### Product walkaround

#### HP LaserJet Pro MFP M521dw shown

- 1. Intuitive 8.89 cm colour touchscreen control panel with business apps
- 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  $199\,g/m^2$
- 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





### Series at a glance





Model	HP LaserJet Pro MFP M521dn	HP LaserJet Pro MFP M521dw	
Product number	A8P79A	A8P80A	
Print speed, A4	Up to 40 ppm; U	Up to 40 ppm; Up to 21 ppm duplex	
Print input capacity (standard/optional)	600	600/1,100	
50-sheet ADF with two-sided scanning		Yes	
Automatic two-sided printing		Yes	
Fax and phone ports		Yes	
Gigabit Ethernet network port		Yes	
802.11b/g/n wireless networking	Not available	Yes	
Recommended monthly page volume	2,000	2,000 to 6,000	
Duty cycle (pages per month)	Up to	Up to 75,000	
ENERGY STAR® certified		Yes	

## Accessories, Supplies and Support

Supplies	CE255A HP 55A Black Original LaserJet Toner Cartridge (6,000 pages)		
	CE255X HP 55X High Yield Black Original LaserJet Toner Cartridge (12,500 pages (HP LaserJet Enterprise P3015 and Pro 500 MFP M521) or 13,500 (HP LaserJet Enterprise Pro 500 MFP M525).)		
	CE255XD HP 55X 2-pack High Yield Black Original Laser Jet Toner Cartridges (Per cartridge: 12,500 to 13,500 pages)		
Accessories	CE530A HP LaserJet 500-sheet Feeder/Tray		
Service and Support	U6Z59E - HP 3 year Next Business Day LaserJet Pro M521 MFP Hardware Support U6Z70PE -HP 1 year Post Warranty Next Business Day LaserJet Pro M521 MFP Hardware Support		

## **Technical specifications**

Model	HP LaserJet Pro MFP M521dn	HP LaserJet Pro MFP M521dw	
Product number	A8P79A	A8P80A	
Functions	Print, copy, scan, fax		
Control panel	8.89 cm intuitive touchscreen control panel with colour graphic display; Buttons (Home, Cancel, Help, Right/Left Arrows, Back); LED indicator lights (Ready, Error)	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)	
Print	•		
Print technology	Laser		
Print speed <sup>1</sup>	Black (A4, normal) Up to 40 ppm; Black (A4, duplex): Up to 21 ipm;		
First page out <sup>2</sup>	Black (A4, ready): As fast as 8.0 sec;		
Print resolution	Black (best): Up to 1200 x 1200 dpi; Technology: HP FastRes 1200 (600 x 600 dpi), HP ProRes 1200 (1200 x 1200 dpi), 600 x 600 dpi;		
Monthly duty cycle	Up to 75000 pages A4; Recommended monthly page volume: 2000 to 6000		
Printer smart software features	HP ePrint; Apple AirPrint™; Mopria-certified; HP Auto-On/Auto-Off Technology	HP ePrint; Apple AirPrint™; Mopria-certified; Wireless direct printing; HP Auto- On/Auto-Off technology	
Standard print languages	HP PCL 6; HP PCL 5; HP Postscript Level 3 emulation, PCLm		
Fonts and typefaces	84 scalable TrueType fonts. Additional Font Solutions available at http://www.hp.com/go/laserjetfonts.		
Print area	Print margins Top: 5 mm, Bottom: 5 mm, Left: 5 mm, Right: 5 mm; Maximum print area: 215.9 x 355.6 mm		
Duplex printing	Automatic (standard)		
Сору	•		
Copy speed	Black (A4): Up to 40 ppm		
Copier specifications	Number of copies; Reduce/Enlarge; Ligher/Darker; Optimise; Paper; Multi-page copy; Collation; Tray select; Two-sided; Draft mode; Image adjustment; Set as new defaults; Restore defaults; Maximum number of copies: Up to 99 copies; Copy resolution: Up to 600 x 600 dpi; Reduce/Enlarge: 25 to 400%;		
Scan	·		
Scan speed <sup>3</sup>	Normal (A4): Up to 19 ppm (black & white), up to 14 ppm (colour); Duplex (A4): Up to 35 ipm (black & white), up to 13 ipm (colour)		

Model	HP LaserJet Pro MFP M521dn	HP LaserJet Pro MFP M521dw		
Product number	A8P79A	A8P80A		
Scanner specifications	Scanner type: Flatbed, ADF; Scan technology: Contact Image Sensor (CIS); Scan input modes: From PC: Solution Center Lite (Windows Vista, Windows XP) or Device Stage (Windows 7, 8); TWAIN-compliant or WIA-compliant software; Twain version: Version 1.9; Duplex ADF scanning: Yes; Scan size maximum (flatbed): 216 x 297 mm; Optical scan resolution: Up to 300 dpi (colour, greyscale and monochrome, ADF); Up to 1200 dpi (colour, greyscale and monochrome, flatbed)			
Scanner advanced features	Duplex scanning from ADF; Scan to USB flash drive; Scan to network folder; Scan to e-mail; Scan to cloud; Optimise text/picture; Image adjustments; Output quality setting; Selectable scan resolution 75 to 600 dpi			
Scannable area	Minimum media size (flatbed): No minimum Maximum media size (flatbed): 216 x 297 mm; Minimum media size (ADF): 127 x 177 mm Maximum media size (ADF): 216 x 356 mm			
Bit depth/ Grey scale levels	24-bit (8-bit for greyscale duplex scan) / 256	24-bit (8-bit for greyscale duplex scan) / 256		
Fax				
Fax <sup>4</sup>	Yes, 33 kbps	Yes, 33 kbps		
Fax specifications	Fax memory: Up to 250 pages; Fax resolution: Standard: 203 x 98 dpi; Fine: 203 x 196 dpi, 256 levels of grey; Superfine: 300 x 300 dpi or 203 x 392 dpi, 256 levels of grey; Quick dialing: Up to 100 numbers (each can contain 100 numbers)			
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			
Processor speed	800 MHz			
Connectivity				
Standard	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		
Optional	HP Jetdirect ew2500 802.11b/g Wireless Print Server J8021A			
Wireless	No	Yes, built-in WiFi 802.11b/g/n		
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified; Mobile Apps	HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Mobile App		
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, AutolP, Manual), IPv6 (Stateless), SNMPV1/V2/V3; Security: SSL Security and certificate management, 802.1x	as A8P79A plus Wireless: 802.11 b/g/n, WPA2-PSK, WPA2-Enterprise, WPS, Apple AirPrint™, HP Wireless Direct Print		
Network capabilities	Yes, via built-in Gigabit Ethernet	Yes, via built-in Ethernet, wireless 802.11b/g/n		
Hard disk	None	None		
Memory	Standard: 256 MB; Maximum: 256 MB	Standard: 256 MB; Maximum: 256 MB		
Media handling				
Number of paper trays	Standard: 2; Maximum: 3			
Media types	Paper (bond, colour, letterhead, plain, preprinted, prepunched, recycled, rough); envelopes, labels, cardstock, transparencies, user-defined			
Media size	Custom (metric): Tray 1: 76 x 127 to 216 x 356 mm; tray 2, optional 500-sheet tray 3: 105 x 148 to 216 x 356 mm; Supported (metric): 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); ADF: 127 x 127 to 216 x 356 mm			

Model	HP LaserJet Pro MFP M521dn	HP LaserJet Pro MFP M521dw
Product number	A8P79A	A8P80A
Media handling	Standard input: 100-sheet multipurpose tray, 500-sheet input tray 2, 50-sheet Automatic Document Feeder (ADF) Standard output: 250-sheet output bin, 100-sheet rear output bin Optional input: Optional 500-sheet tray (add up to 1 tray) ADF: Standard, 50 sheets	
Media weight	Tray 1: 52 to 199 g/m²; Tray 2, 3: 52 to 120 g/m²; ADF: 60 to 90 g/m²	
Input capacity	Tray 1: sheets (75 g/m²): 100; envelopes: 10 Tray 2: sheets (75 g/m²): 500 Maximum: Up to 1100 sheets ADF: Standard, 50 sheets	
Output capacity	Standard: Up to 250 sheets Envelopes: Up to 10 envelopes Transparencies: Up to 75 sheets Maximum: Up to 350 sheets	
Compatible operating systems	Full software installs supported on: Windows 10 (32-bit/64-bit), Windows 8 (32-bit/64-bit), Windows 7 (32-bit/64-bit), Windows Vista (32-bit/64-bit); Driver only installs supported on: Windows 2012, Windows Server 2008 (32-bit/64-bit), Windows Server 2003 32-bit (SP3 or higher); Mac 05 X v10.6.8 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	Windows: Windows 10 (32-bit/64-bit), 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 available hard disk space, CD/DVD-ROM or Internet, USB or network port;  Mac: Mac OSX v10.6; PowerPC G4, G5, or Intel® Core™ Processor; 500 MB free hard disk space; CD-ROM/DVD-ROM or Internet; USB or Network port	
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; Mac: HP Installer/Uninstaller, HP Postscript driver, HP Scan, HP Setup Assistant, HP Fax Print Driver, HP Utility, HP Alerts, HP Firmware Updater	
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	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
Dimensions and weight		<u> </u>
Printer dimensions (W x D x H)	Minimum 465 x 465 x 508 mm; Maximum: 465 x 900 x 750 mm;	
Package dimensions (W x D x H)	585 x 594 x 733 mm	
Printer weight	22.3 kg	22.4 kg
Package weight	29.57 kg	<u> </u>
Operating environment	Temperature: 10 to 32.5°C; Humidity: 30 to 70% RH	
Storage conditions	Temperature: -20 to 40°C; Humidity: 10 to 90% RH	
Acoustics	Acoustic power emissions: 6.7 B(A); Acoustic pressure emissions: 54 dB(A)	
Power	Requirements: Input voltage: 220 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz); Consumption: 760 watts (printing), 18.2 watts (ready), 4.3 watts (sleep), 0.3 watts (off). Typical Electricity Consumption (TEC): 2.812 kWh/week; Typical Electricity Consumption (TEC): 2.812 kWh/week; Power supply type: Built-in power supply;	Requirements: Input voltage: 110 to 127 VAC (+/- 10%), 50/60Hz (+/- 2 Hz) and 220V-240 VAC (+/- 10%), 50/60Hz (+/- 2 Hz); Consumption: 750 watts (printing), 18.2 watts (ready), 4.3 watts (sleep), 0.3 watts (off). Typical Electricity Consumption (TEC): 2.812 kWh/week; Typical Electricity Consumption (TEC): 2.812 kWh/week; Power supply type: Built-in power supply;
Energy savings feature technology	HP Auto-on/Auto-off Technology; Instant-on Technology; Instant-on Copy	
Certifications	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, GB9254-2008, GB17625.1-2003, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries CECP; EPEAT® Silver  Telecom compliance: Fax Telecom: ES 203 021; R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe); FCC Part 68; other Telecom approvals as required by individual countries	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, GB9254-2008, GB17625.1-2003, EMC Directive 2004/108/EC with CE Marking (Europe), other EMC approvals as required by individual countries (ECCP Telecom compliance: Wireless telecommunications: EU (R&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, EN62311:2007, EN62311:2008. Fax Telecom: ES 203 021; R&TTE Directive 1999/5/EC (Annex II) with CE Marking (Europe); FCC Part 68; Industry Canada CSO3; NOM-151-SCT1-1999 (Mexico); PTC-200 (New Zealand); other Telecom approvals as required by individual countries
Blue Angel compliant	No; Please refer to the ECI document	Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies
Country of origin	Made in China	
What's in the box	HP LaserJet Pro MFP M521dn;includes built-in automatic two-sided printing; built- in 10/100/1000T Gigabit Ethernet; HP Black LaserJet Toner Cartridge (~6000 pages); Printer documentation and software on CD-ROM; Installation guide, Support flyer, Warranty card; Power cord; Fax cable.	HP Laser Jet Pro MFP M521dw; includes built-in automatic two-sided printing; built-in 10/100/1000T Gigabit Ethernet; Wireless 802.11 b/g/n; HP Black Laser Jet Toner Cartridge (~6000 pages); Printer documentation and software on CD-R0M; Installation guide, Support flyer, Warranty card; Power cord; Fax cable.
Warranty	One-year warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.	

#### Footnotes

- 1 HP Auto Wireless Connect may not be available for all system configurations. Wireless performance is dependent upon physical environment and distance from access point. For information on compatibility, visit www.hp.com/go/autowirelessconnect
- <sup>2</sup> HP wireless direct printing, built-in wireless connectivity and HP Auto Wireless Connect are only available on the HP LaserJet Pro MFP M521dw.
- <sup>3</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 programme. For more information, visit: www.hp.com/recycle
- 4 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. <sup>5</sup> Optional paper capacity up to 1,100 sheets. 1 x 500-sheet paper tray not included; please purchase separately"
- <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
- $^7$  HP 55X Black Laser Jet Toner Cartridge not included; please purchase separately.  $^8$  HP Web Jetadmin is free and can be downloaded at www.hp.com/go/webjetadmin
- 9 Local printing requires mobile device and printer to be on the same network or have a direct wireless connection to the printer. Wireless performance is dependent on physical environment and distance from access point. Wireless operations are compatible with 2.4 GHz operations only. Remote printing requires an Internet connection to an HP web-connected printer. App or software and HP ePrint account registration may also be required. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. See hp.com/go/mobileprinting for more details
- 10 HP Auto-On/Auto-Off Technology is 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.

#### Technical specifications disclaimers

- 1 Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity
- <sup>2</sup> Exact speed varies depending on the system configuration, software application, driver and document complexity.
- <sup>3</sup> Actual speeds may vary depending on scan resolution, network conditions, computer performance and application software.
- <sup>4</sup> Based on standard ITU-T test image at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
- <sup>5</sup> HP Scan software included in the box file formats supported through software running on a PC.



















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