HP LaserJet Pro 500 color MFP M570


#### Abstract

Ideal for small to medium-size businesses and cost-conscious enterprises who need advanced scanning capabilities, efficient task execution through the easy-to-use touchscreen, convenient networking, and help reducing their environmental impact.




Expand your performance potential.

- Increase productivity and finish scanning jobs faster with single-pass, dual-head scanning.
- Print documents at up to 30 pages per minutes. Rely on a robust recommended monthly page volume of 1500 to 4000 pages.
- Convert hard copies to digital files for easy distribution and storage, and make flawless copies.
- Easily handle jobs to stay productive, using the 50 -sheet document feeder and automatic two-sided printing.


## Show off with powerful colour.

- Simplify workflows: access, store and print business content quickly with an 8.89 cm (3.5-inch) colour touchscreen ${ }^{6}$.
- Make maximum impact - optimise colour settings and get vivid results with incredible resolution.
- Produce top-notch marketing materials in the office - on a broad range of media and in a variety of sizes.
- Start working fast with preinstalled cartridges. Get better value with optional high-capacity cartridges7.

Enjoy fast, easy set-up and stay connected.

- Get up and running fast with HP Smart Install - install your printer without a CD. Use HP Auto Wireless Connect to configure networking without wires ${ }^{1}$.
- Print from your smartphone or tablet with HP ePrint ${ }^{3}$. Easily send prints from devices without a network ${ }^{2,9}$.
- Use resources more efficiently with wireless and 10/100/1000T Gigabit Ethernet networking - access, print, and share ${ }^{10}$.
- Proactively manage this MFP, using HP Web Jetadmin to monitor office printing and device status remotely.

Help reduce your environmental impact.

- Help save energy with HP Auto-On/Auto-Off Technology, Instant-on Copy, and Instant-on Technology ${ }^{11}$.
- Conserve resources and save paper - use automatic two-sided printing.
- Get centralised, 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 ${ }^{4}$.

${ }^{1}$ 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. ${ }^{2}$ HP wireless direct printing, built-in wireless connectivity, and HP Auto Wireless Connect are only available on the HP LaserJet Pro 500 color MFP M570dw. ${ }^{3}$ 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.hp.com/go/eprintcenter). 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. ${ }^{4}$ Programme 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. ${ }^{5}$ Printing speed measured using ISO/IEC 24734 and excludes first set
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, soffware programme, 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.hp.com/go/eprintcenter. ${ }^{7}$ HP LaserJet 507 X Black Toner Cartridge not included; please purchase separately. ${ }^{8}$ HP Smart Install works with Microsoff $®$ Windows ${ }^{\circledR}$ only. ${ }^{9}$ Mobile device must be wireless-enabled. Printer must be HP ePrint-enabled. Feature may require drivers or apps, available for download at www.hp.com/go/eprintcenter. ${ }^{10}$ Wireless performance is dependent upon physical environment and distance from access point, and may be limited during active VPN connections. ${ }^{11}$ 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.

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| Functions | Print, copy, scan, fax |
| :---: | :---: |
| Standard Printer Languages | HP PCL 6, HP PCL 5c, HP Postscript Level 3 emulation, PDF (v 1.7), AirPrint ${ }^{\text {TMM }}$ compatible |
| Print Resolution | Black (best): Up to $600 \times 600$ dpi; Black (normal): Up to $600 \times 600$ dpi |
| Print Technology Resolution | HP ImageREt 3600 |
| Print Technology | Laser |
| Print Speed (A4) | Black (A4): Up to 30 ppm ; First Page Out Black: As fast as 10.5 sec Colour (A4): Up to 30 ppm; First Page Out Colour: As fast as 10.5 sec |
| Print Speed Duplex (A4) | Up to 27 ipm |
| Printer Smart Software Features | CZ271A: HP ePrint, Apple AirPrint ${ }^{\text {TM }}$, Smart Install, HP Auto-On/Auto-Off technology, Simplified control panel, Compact design; <br> CZ272A: HP ePrint, Apple AirPrintTM, Wireless direct printing, Smart Install, HP Auto-On/Auto-Off technology, Simplified control panel, Compact design; |
| Duty Cycle | Monthly, A4: Up to 75,000 pages |
| Recommended Monthly Page Volume | 1500 to 4000 |
| Print margins | top: 4.2 mm ; left: 4.2 mm ; bottom: 4.2 mm ; right: 4.2 mm |
| Auto Document Feeder Capacity | Standard, 50 sheets |
| Media Weights Supported, ADF | 60 to $90 \mathrm{~g} / \mathrm{m}^{2}$ |
| Color Scanning | Yes |
| Scan Type | Flatbed, ADF <br> Duplex ADF scanning: Yes, dual head duplexing, colour scan |
| Scan Speed (A4) | Up to 19.5 ppm (black \& white), up to 14 ppm (colour) |
| Scan Speed Duplex (A4) | Up to 36 ipm (black \& white), up to 13.5 ipm (colour) |
| Scan Resolution | Hardware: Up to $300 \times 300$ dpi (colour and black \& white, ADF); Up to $1200 \times 1200$ dpi (black \& white, flatbed); Optical: Up to $300 \times 300$ dpi (colour and black \& white, ADF); Up to $1200 \times 1200$ dpi (black \& white, flatbed) |
| Scanner Advanced Features | Scan to e-mail; Scan to network folder (stand alone solution); Scan to Cloud; Scan to USB |
| Gray Scale Levels/Bit Depth | 256; 24-bit (8-bit for colour duplex scan) |
| Scan File Format | PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF |
| Scan Input Modes | From PC: Solution Center Lite (Windows Vista®, Windows® XP) or Device Stage (Windows® 7); TWAIN-compliant or WIA-compliant soffware |
| Scan Size Maximum | Flatbed: $216 \times 297 \mathrm{~mm}$ |
| Copy Resolution | Black (text and graphics): Up to $300 \times 300$ dpi; Colour (text and graphics): Up to $300 \times 300$ dpi |
| Copy Speed | Black (A4): Up to 30 cpm ; Colour (A4): Up to 30 cpm |
| Maximum Number Of Copies | Up to 99 copies |
| Copier Resize | 25 to 400\% |
| Control Panel | CZ271A: 8.89 cm intuitive touchscreen control panel with colour graphic display; Buttons (Home, Cancel, Help, Right/Leff Arrows, Back); LED indicator lights (Ready, Error, Wireless); CZ272A: 8.89 cm intuitive touchscreen control panel with colour graphic display; Butlons (Home, Cancel, Help, Right/Leff Arrows, Back); LED indicator lights (Ready, Error, Wireless); |
| Fax Resolution | Black and White, Best Mode: Up to $300 \times 300$ dpi; Black and White, Standard Mode: $203 \times$ 98 dpi |
| Fax Speed | 33.6 kbps |
| Fax Features | Fax Memory (A4): Up to 250 pages; Auto Fax Reduction Supported: Yes; Auto-Redialing: Yes; Fax Delayed Sending: Yes; Distinctive Ring Detection Supported: Yes; Fax Forwarding Supported: Yes; Fax Phone TAM Interface Supported: Yes; Fax Polling Supported: Yes (receive only); Fax Telephone Mode Supported: Yes; Junk Barrier Supported: Yes; Maximum Speed Dialing Numbers: Up to 120 numbers; PC Interface Supported: Yes, PC fax send only; Remote Retrieval Capability Supported: No; Telephone Handset Supported: No |
| Standard Connectivity | CZ271A: 1 Hi-Speed USB 2.0; 1 Host USB; 1 Gigabit Ethernet; CZ272A: 1 Hi-Speed USB 2.0; 1 Host USB; 1 Gigabit Ethernet; 1 Wifi $802.11 \mathrm{~b} / \mathrm{g} / \mathrm{n}$ |
| Supported Network Protocols | CZ271A: Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queve support only), Web Services Printing, IPP Print, FTP Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless); Security: SSL Security and certificate management, 802.1x; CZ272A: as CZ271A plus Wireless: $802.11 \mathrm{~b} / \mathrm{g} / \mathrm{n}$, WPA2-PSK, WPA2-Enterprise, WPS, Apple AirPrint ${ }^{\text {TM }}$, HP Wireless Direct Print; |
| Display | 8.89 cm fouchscreen, LCD (colour graphics) |
| Standard Memory | 256 MB |
| Memory Upgrade | Not expandable |
| Processor Speed | 800 MHZ |
| Duplex Print Options | Automatic (standard) |
| Standard Input Capacity | Up to 350 sheets |
| Maximum Input Capacity | Up to 850 sheets |
| Maximum Number of Paper Trays | 3 |
| Media Types Supported | Paper (bond, brochure, coloured, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, transparencies, labels, envelopes |
| Media Sizes Supported | Tray 1: A4; A5; A6; B5 (IIS); B6 (JIS); $10 \times 15 \mathrm{~cm}$; postcards (IIS single, JIS double); envelopes (ISO DL, ISO C5, ISO B5); Tray 2, optional Tray 3: A4; A5; B5 (IIS); Automatic two-sided printing unit: A4; A5; B5 (IIS) |
| Media Weights by Paper Path | Tray $1: 60$ to $216 \mathrm{~g} / \mathrm{m}^{2}$ (plain paper), 105 to $220 \mathrm{~g} / \mathrm{m}^{2}$ (glossy paper) <br> Tray 2: 60 to $163 \mathrm{~g} / \mathrm{m}^{2}$ (plain paper), 105 to $220 \mathrm{~g} / \mathrm{m}^{2}$ (glossy paper) <br> Tray 3: 60 to $176 \mathrm{~g} / \mathrm{m}^{2}$ (plain paper), 105 to $220 \mathrm{~g} / \mathrm{m}^{2}$ (glossy paper) (optional 500 -sheet tray) |
| Custom Media Sizes | Tray 1: $76 \times 127$ to $216 \times 356 \mathrm{~mm}$; Tray 2: $148 \times 210$ to $216 \times 297 \mathrm{~mm}$; Optional 500 -sheet Tray 3: $148 \times 210$ to $216 \times 356 \mathrm{~mm}$; Automatic two-sided printing unit: $148 \times$ 210 to $216 \times 356 \mathrm{~mm}$ |
| Print Handling | 100 -sheet multipurpose tray, 250 -sheet input tray 2, 50 -sheet Automatic Document Feeder (ADF), 250 -sheet face-down output bin <br> Input Capacity: Up to 850 sheets, Up to 10 envelopes <br> Output Capacity: Up to 250 sheets, Up to 10 envelopes, Up to 100 sheets transparencies |


| Power | Power Supply Type: Built-in power supply <br> Power Requirements: Input voltage: 220 to 240 VAC ( $+/-10 \%$ ), $50 \mathrm{~Hz}(+/-2 \mathrm{~Hz}), 6 \mathrm{~A}$ Typical Electricity Consumption (TEC) Number: $3.259 \mathrm{kWh} /$ Week <br> Power Consumption description: 605 watts (printing), 440 watts (copying), 52 watts (ready), 8.1 watts (sleep), 0.3 watts (off). Typical Electricity Consumption (TEC): $3.259 \mathrm{kWh} /$ Week. Energy savings feature technology: HP Auto-On/Auto-Off Technology; Instant-on Technology; Instantoon Copy |
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| Compatible Operating Systems | Full software installs supported on: Microsoff $®$ Windows $® 8$ 32-bit/64-bit, Microsoff(® Windows® 7 32-bit/64-bit, Windows Vista® 32-bit/64-bit, Windows® XP 32-bit (SP2 or higher), and Windows Server® 2012; Driver only installs supported on: Windows Server® 2008 32-bit/64-bit, Windows Server® 2003 32-bit (SP3 or higher); Mac OS X v10.6, OS X Lion (v10.7) \& OS X Mountain Lion (v10.8); 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 ${ }^{\text {TM }}$ (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: Microsoff $®$ Windows $® 7$ (32-bit/64-bit), Windows Vista ${ }^{\circledR}$ (32-bit/ 64 -bit): 1 GHz 32 -bit ( $\times 86$ ) or 64 -bit ( $\times 64$ ) 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 OS X Mountain Lion (v 10.8), OS X Lion ( v 10.7 x ), v10.6x; 1 GB free hard disk space, CD-ROM/DVD-ROM or Internet, USB |
| Printer Management | Windows®: HP Device Toolbox, Status Alerts (default install), SNP Alerts (minimum network install), HP Web Jetadmin (download); Mac: HP Utility |
| Security Management | 500 color MFP M570dn: Embedded Web Server: password-protection, secure browsing via <br> 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; $\mathbf{5 0 0}$ color MFP M570dw: 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/TIS; Network: enable/disable network ports and features, SNMPv1 community password change, SNMPv3, 802.1x, Firewall, Access Control List; HP ePrint: HTTPS with ceriticate validation, HTTP Basic Access Authentication, SASL authentication; |
| Acoustics | Acoustic Power Emissions: 6.6 B(A) Acoustic Pressure Emissions: $52 \mathrm{~dB}(\mathrm{~A})$ |
| Operating Environment | Operating Temperature Range: 10 to $30^{\circ} \mathrm{C}$ <br> Recommended Operating Temperature: 15 to $27^{\circ} \mathrm{C}$ <br> Storage Temperature Range: 0 to $35^{\circ} \mathrm{C}$ <br> Non-Operating Humidity Range: 10 to $90 \%$ RH <br> Operating Humidity Range: 10 to $70 \%$ RH <br> Recommended Humidity Operating Range: 20 to $60 \%$ RH |
| Product Cerrifications | 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; Safety certifications: IEC 60950 -1+A1 (International), EN $60950-1+$ Al1 +A1 +A12 (EU), IEC 60825-1, 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; ENERGY STAR: Yes; |
| Product Dimensions | $\mathbf{w x d x h}$ : $515 \times 500 \times 538 \mathrm{~mm}$ Maximum: $825 \times 915 \times 948 \mathrm{~mm}$ |
| Product Weight | 40.8 kg |
| What's In The Box | CZ271A: HP LaserJet Pro 500 color MFP M570dn; includes built-in automatic two-sided printing; built-in 10/100/1000T Gigabit Ethernet; HP Black LaserJet Toner Cartridge ( $\sim 5500$ pages), Cyan, Magenta, and Yellow Toner Cartridges ( $\sim 000$ pages); Printer documentation and software on CD-ROM; Installation guide, Support flyer, Warranty card; Power cord; Fax cable; CZ272A: HP LaserJet Pro color MFP M570dw; includes built-in automatic two-sided printing; built-in 10/100/1000T Gigabit Ethernet; Wireless $802.11 \mathrm{~b} / \mathrm{g} / \mathrm{n}$; HP Black LaserJet Toner Cartridge ( $\sim 5500$ pages), Cyan, Magenta and Yellow Toner Cartridges ( $\sim 000$ pages); Printer Documentation and software on CD-ROM; Installation Guide, Support flyer, Warranty card; Power cord; Fax cable; USB cable; |
| Warranty | One-year, on-site limited warranty. Warranty and support options vary by product, country and local legal requirements. |
| Country Of Origin | Product of China |
| Accessories | CF084A HP Color LaserJet 500-sheet Paper and Heavy Media Tray CF085A HP LaserJet 500 color Series Printer Cabinet L2718A HP 100 ADF Roller Replacement Kit |
| Supplies | CE400A HP 507A Black LaserJet Toner Cartridge <br> Average continuous Black Cartridge yield 5,500 standard pages. Declared yield value in accordance with ISO/IEC 19798.* <br> CE400X HP 507X Black LaserJet Toner Cartridge <br> Average continuous Black Cartridge yield 11,000 standard pages. Declared yield value in accordance with ISO/IEC 19798.* <br> CE401A HP 507A Cyan LaserJet Toner Cartridge <br> Average continuous composite Cyan/Yellow/Magenta Cartridge yield 6,000 standard pages. Declared yield value in accordance with ISO/IEC 19798.* <br> CE402A HP 507A Yellow LaserJet Toner Cartridge <br> Average continuous composite Cyan/Yellow/Magenta Cartridge yield 6,000 standard pages. Declared yield value in accordance with ISO/IEC 19798.* <br> CE403A HP 507A Magenta LaserJet Toner Cartridge <br> Average continuous composite Cyan/Yellow/Magenta Cartridge yield 6,000 standard pages. <br> Declared yield value in accordance with ISO/IEC 19798.* <br> CE254A HP Color LaserJet CE254A Toner Collection Unit <br> Approximately 36,000 pages <br> CE484A HP Color LaserJet CE484A 110 V Fuser Kit <br> 150,000 pages <br> CE506A HP Color LaserJet CE506A 220V Fuser Kit <br> 150,000 pages |
| Service And Support Options | U6Y78E - HP 3 year Next Business Day Color LaserJet M570 Multifunction Printer Hardware Support <br> U6Y82E - HP 3 year 4 hour 13×5 Color LaserJet M570 Multifunction Printer Hardware Support U6Y90PE - HP 1 year Post Warranty Next Business Day Color LaserJet M570 Multifunction Printer Hardware Support <br> U6Y93PE - HP 1 year Post Warranty 4 hour $13 \times 5$ Color LaserJet M570 Multifunction Printer Hardware Support <br> U6Y91PE - HP 2 year Post Warranty Next Business Day Color LaserJet M570 Multifunction <br> Printer Hardware Support (U6Y82E/U6Y93PE: Please check availability at country level) |
| Count on dependable support to create the best image possible. We can help you enhance your printing and imaging environment, protect your IT investment, and grow your business - with expert support that's affordable, personal, and tailored to your needs through HP Care Pack Services. <br> For more information, visit our website at http://www.hp.com <br> HP LaserJet Pro 500 color MFP M570 <br> (C) Copyright 2012 Hewlett-Packard Development Company, L.P. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein. All brand and product names are trademarks or registered trademarks of their respective companies. The information contained in this document is subject to change without notice. <br> Published in EMEA November 2012 4AA4-3033EEE |  |
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