Data sheet

HP LaserJet Pro M501 series

Finish tasks fast and help conserve energy

Put impressive print speeds and performance to work in your office. This energy-saving printer starts faster[1] and delivers security features to help guard against threats. Original HP Toner cartridges with JetIntelligence produce more pages.[2]

HP LaserJet Pro M501n

HP LaserJet Pro M501dn

Big results, small footprint

- Don't wait for documents. Print your first page in as few as 7.2 seconds from energy-efficient sleep mode.[3]
- Print two-sided documents faster than the competition and print up to 65 pages per minute on A5 paper.[1,4]
- This compact, quiet printer is designed to fit in tight spaces and offers a 1,200-sheet maximum capacity.[5]

Get strong protection and easily manage your fleet

- Help keep printing safe from boot up to shutdown with security features that guard against complex threats.
- Help ensure documents remain confidential with PIN printing enabled through an optional USB drive.[6]
- Employ policy-based protection for printing devices with optional HP JetAdvantage Security Manager.[7]
- Easily manage devices and settings using HP Web Jetadmin with a suite of essential management features.[8]

More. Pages, Performance, and Protection.

- Produce sharp text, bold blacks, and crisp graphics with precision black toner.
- Get more. Original HP Toner with JetIntelligence delivers more pages per cartridge than predecessors.[2]
- Get the professional results you expect from HP with a choice of Jetintelligence cartridges to fit your budget. [9]
- Help ensure the Original HP quality you paid for, using anti-fraud and cartridge authentication technology.

2-sided printing

Instant-on technology

Tray input

Ethernet

Product walkaround

HP LaserJet Pro M501dn shown

1. 250-sheet output bin
2. Top cover release button (access to JetIntelligence toner cartridges)
3. Gigabit Ethernet port, USB port for job storage with PIN printing, Hi speed USB 2.0 printing port
4. 256 MB standard memory and 1.5 GHz processor
5. 2-line LCD control panel with numerical keypad
6. 100-sheet multipurpose tray 1
7. Automatic two-sided printing
8. 550-sheet tray 2

Series at a glance

Model	HP LaserJet Pro M501n	HP LaserJet Pro M501dn
Product number	J8H60A	J8H61A
Up to 43 pages per minute (ppm), A4, simplex print speed	Yes	Yes
2-line LCD control panel with numerical keypad	Yes	Yes
Standard 100-sheet multipurpose tray and 550 sheet tray 2	Yes	Yes
550-sheet tray 3	Optional	Optional
9,000/18,000-page black toner replacement cartridges (standard/high-capacity)	Yes	Yes
Automatic two-sided printing	Not available	Yes
ENERGY STAR® certified	Not available	Yes

Accessories, Supplies and Support

Supplies	**CF287AS** HP 87AS Black Original LaserJet Toner Cartridge 6,000 pages
	CF287A HP 87A Black Original LaserJet Toner Cartridge 9,000 pages
	CF287X HP 87X High Yield Black Original LaserJet Toner Cartridge 18,000 pages
Accessories	**F2A72A** HP LaserJet 550-sheet Paper Tray
Service and support	**U9CQ0E** HP 3 year Next business day with Defective Media Retention LaserJet Pro M501 Hardware Support **U9CQ1E** HP 4 year Next business day with Defective Media Retention LaserJet Pro M501 Hardware Support **U9CQ2E** HP 5 year Next business day with Defective Media Retention LaserJet Pro M501 Hardware Support **U9CR0PE** HP 1 year Post Warranty Next business day with Defective Media Retention LaserJet Pro M501 Hardware Support

Technical specifications

Model	HP LaserJet Pro M501n	HP LaserJet Pro M501dn
Product number	J8H60A	J8H61A
Functions	Print	
Control panel	2-line; Backlit text display; 6 buttons (Cancel job, Up arrow, Down arrow, Select, Back, Settings) and 12 key numerical	

Print

Print technology	Laser	
Print speed[1]	**Black (A4, normal):** Up to 43 ppm	**Black (A4, normal):** Up to 43 ppm; **Black (A4, duplex):** Up to 34 ipm
First page out[2]	**Black (A4, ready):** As fast as 5.8 sec; **Black (A4, sleep):** As fast as 7.2 sec	
Print resolution	**Black (best):** 600 x 600 dpi, up to 4800 x 600 enhanced dpi; **Technology:** HP FastRes 1200, HP ProRes 1200, 600 dpi	
Monthly duty cycle[3]	Up to 100,000 pages (A4); **Recommended monthly page volume[4]:** 1,500 to 6,000	
Printer smart software features	Manual-duplex printing; N-up printing; Collation; HP ePrint; Apple AirPrint™; Google Cloud Print; Mopria-certified; HP Auto-On/Auto-Off; 2-line LCD control panel; Built-in Job Storage; JetIntelligence Cartridge Technology	Auto-duplex printing; N-up printing; Collation; HP ePrint; Apple AirPrint™; Google Cloud Print; Mopria-certified; HP Auto-On/Auto-Off; 2-line LCD control panel; Built-in Job Storage; JetIntelligence Cartridge Technology
Standard print languages	HP PCL 5, HP PCL 6, HP Postscript Level 3 emulation, direct PDF (v 1.7) printing, URF, PCLM, PWG	
Fonts and typefaces	84 scalable TrueType fonts	
Print area	**Print margins:** Top: 5.0 mm, Bottom: 5.0 mm, Left: 5.0 mm, Right: 5.0 mm	
Duplex printing	Manual	Automatic
Processor speed	1500 MHz	

Connectivity

Standard	Hi-Speed USB 2.0 Host/Device Ports; Fast Ethernet 10 Base-T/100 Base-TX, Gigabit Ethernet 1000 Base-T
Wireless	No
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified
Supported network protocols	TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, HP ePrint, Apple AirPrint™, Google Cloud Print 2.0, Mopria, FTP Print, IPP Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Statefull via DHCPv6), SSL Security and Certificate management; management: SNMPv1, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog, FTP FW Download
Network capabilities	Yes, via built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X
Memory	**Standard:** 256 MB; **Maximum:** 256 MB

Media handling

Number of paper trays	**Standard:** 2: 1 x 550 cassette and 1 x 100-sheet multipurpose tray; **Maximum:** 3: 2 x 550 cassettes and 1 x 100-sheet multipurpose tray
Media types	Paper (plain, light, midweight, intermediate, heavy, extra heavy, bond, cardstock, coloured, letterhead, preprinted, prepunched, recycled, rough, ecofficient); Envelopes; Labels; Transparencies
Media size	**Custom (metric):** Tray 1: 76.2 x 127 mm to 215.9 x 355.6 mm; Tray 2, Tray 3: 105 x 148 mm to 215.9 x 355.6 mm **Supported (metric):** Tray 1: 10 x 15 cm, A4, A5, A6, Envelope B5, Envelope C5, Custom, Envelope DL, B5 (JIS), B6 (JIS); Tray 2, Tray 3: A4, A5, A6, Custom, B5 (JIS), B6 (JIS)
Media handling	**Standard input:** 100-sheet multipurpose tray and 550-sheet main cassette **Standard output:** 250-sheet face down output tray **Optional input:** Optional 550-sheet cassette tray (Tray 3)
Media weight	Tray 1: 60 to 220 g/m²; Tray 2, Tray 3: 60 to 220 g/m²
Input capacity	**Tray 1:** 100 sheets cut sheet paper; 10 envelopes **Tray 2:** 550 sheets cut sheet paper **Tray 3:** 550 sheets cut sheet paper **Maximum:** 1200 sheets
Output capacity	**Standard:** Up to 250 sheets Envelopes: Up tp 10 envelopes Transparencies: Up to 75 sheets **Maximum:** Up to 250 sheets
Compatible operating systems	Windows OS compatible with In-Box Driver: Windows 10 all 32-bit/64-bit editions (excluding RT OS for tablets), Windows 8/8.1 all 32-bit/64-bit editions (excluding RT OS for tablets), Windows 7 all 32-bit/64-bit editions, Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc); Windows OS compatible with Universal Print Driver (from HP.com): Windows 10 all 32-bit/64-bit editions (excluding RT OS for tablets), Windows 8/8.1 all 32-bit/64-bit editions (excluding RT OS for tablets), Windows 7 all 32-bit/64-bit editions, Windows Vista all 32-bit/64-bit editions (Home Basic, Premium, Professional, etc); Mac OS (HP print drivers available from http://www.HP.com and Apple Store): OS X 10.10 Yosemite, OS X 10.9 Mavericks, OS X 10.8 Mountain Lion, OS X 10.7 Lion; Mobile OS (In-OS drivers): iOS, Android, Windows 8/8.1/10 RT; Linux OS (In-OS HPLIP): SUSE Linux (12.2, 12.3, 13.1), Fedora (17, 18, 19, 20), Linux Mint (13, 14, 15, 16, 17), Boss (3.0, 5.0), Ubuntu (10.04, 11.10, 12.04, 12.10, 13.04, 13.10, 14.04, 14.10), Debian (6.0.x, 7.x); Other OS: UNIX
Compatible network operating systems	Windows OS compatible with In-Box Driver: Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-bit/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services); Windows OS compatible with Universal Print Driver (UPD) or product-specific drivers from HP.com: Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-bit/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2003/2003 R2 32-bit/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services); Citrix (on Windows Server 2003/2003 R2): Citrix MetaFrame Presentation Server 3.0, Citrix MetaFrame XP Presentation Server (Feature Release 1, 2 and 3), Citrix Presentation Server 4.0/4.5, Citrix XenApp 5.0 (Plus Feature Pack 2 & 3); Citrix (on Windows Server 2008/2008 R2): Citrix XenApp 5.0 (Plus Feature Pack 2 & 3), Citrix XenApp 6.0/6.5/7.5, Citrix XenDesktop 5.6/7.0/7.5; Citrix (on Windows Server 2012/2012 R2): Citrix XenApp 7.5, Citrix XenDesktop 7.0/7.5; Novell Servers (http://www.novell.com/iprint): Novell iPrint Appliance v1.0, Novell Open Enterprise Server 11/SP1, Novell Open Enterprise Server 2 for Linux; NetWare 6.5/SP8; Novell Clients (http://www.novell.com/iprint): Windows 8 (32 & 64-bit) recommend v5.86+, 8.1 recommend v5.94+, Windows 7 (32-bit/64-bit) recommend v5.82+, Windows Vista (32-bit/64-bit) recommend v5.82+, Windows XP/SP3 (32-bit only) recommend v5.82+

Model	HP LaserJet Pro M501n	HP LaserJet Pro M501dn
Product number	J8H60A	J8H61A
Minimum system requirements	**Windows:** Compatible OS (see "Compatible Operating Systems"); CD-ROM drive or Internet connection (for software installation); Dedicated USB connection or a network connection (wired or wireless); 1 GB available hard disk space; For operating system minimum hardware requirements, see the OS manufacturer, such as microsoft.com; **Mac:** Compatible OS (see "Compatible Operating Systems"); Internet connection (for software installation); Dedicated USB connection or a network connection (wired or wireless); 1 GB available hard disk space; For operating system minimum hardware requirements, see the OS manufacturer, such as Apple.com	
Software included	For Windows OS: HP Software Installer/Uninstaller, HP PCL 6 Printer Driver, HP Device Experience (DXP), HP Update, Product Registration Assist, HP Web Services Assist (HP Connected), Online user manuals, HP Device Toolbox, HP Product Improvement Study; For Mac OS: Welcome Screen (directs users to HP.com or OS App Source for LaserJet Software)	
Security management	Embedded Web Server: password-protection, secure browsing via SSL/TLS; Network: enable/disable network ports and features, SNMPv1 & SNMPv2 community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; Firewall and ACL; SNMPv3, 802.1X, Secure Boot	Embedded Web Server: password-protection, secure browsing via SSL/TLS; Network: enable/disable network ports and features, SNMPv1 & SNMPv2 community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; Firewall and ACL; SNMPv3, 802.1X, Secure Boot
Printer management	UPD Printer Administrator Resource Kit; Active Directory Administrator Template for UPD, AutoUpgradeUPD, Driver configuration Utility, Driver Deployment Utility, Managed Print Administrator, PRNCON.EXE, HPPRLOG, Migrate-Server-Tools, UpdateNow, RemovePlugPlayDrivers; HP Web JetAdmin Software, HP Proxy Agent Software, HP JetAdvantage Security Manager, HP Utility (Mac), HP Device Toolbox	
Dimensions and Weight		
Printer dimensions (W x D x H)[5]	**Minimum:** 418 x 376 x 289 mm; **Maximum:** 418 x 639 x 289 mm	
Package dimensions (W x D x H)	497 x 398 x 466 mm	
Printer weight	11.4 kg	11.6 kg
Package weight	14.5 kg	
Operating environment	**Temperature:** 15 to 32.5ºC; **Humidity:** 30 to 70% RH	
Storage	**Temperature:** –20 to 60ºC; **Humidity:** 10 to 90% RH	
Acoustics[6]	**Acoustic power emissions:** 6.8 B(A); **Acoustic pressure emissions:** 54 dB(A)	
Power[7]	**Requirements:** Input voltage: 200 to 240 VAC, 50 Hz (Not dual voltage, power supply varies by part number with #option code identifier); **Consumption:** 660 watts (active printing), 6.1 watts (ready), 1.3 (sleep), 0.7 watts (auto-off/wake on USB connection, disabled at shipment), 0.1 watts (auto-off/manual-on), 0.1 watts (manual-off); **Typical Electricity Consumption (TEC):** 1.677 kWh/Week; **Power supply type:** Built-in power supply	**Requirements:** Input voltage: 200 to 240 VAC, 50 Hz (Not dual voltage, power supply varies by part number with #option code identifier); **Consumption:** 660 watts (active printing), 6.1 watts (ready), 1.3 (sleep), 0.7 watts (auto-off/wake on USB connection, disabled at shipment), 0.1 watts (auto-off/manual-on), 0.1 watts (manual-off); **Typical Electricity Consumption (TEC):** Blue Angel: 1.623 kWh/Week; Energy Star: 1.677 kWh/Week; **Power supply type:** Built-in power supply
Energy savings feature technology	HP Auto-Off Technology; HP Auto-On/Auto-Off Technology; Instant-on Technology; Low-power sleep mode	
Certifications	CISPR 22:2008 (International) - Class A; EN 55022:2010 (EU) - Class A; EN 61000-3-2:2006 +A1:2009 +A2:2009; EN 61000-3-3:2008; EN 55024:2010; EMC Directive 2004/108/EC; Other EMC approvals as required by individual countries	CISPR 22:2008 (International) - Class A; EN 55022:2010 (EU) - Class A; EN 61000-3-2:2006 +A1:2009 +A2:2009; EN 61000-3-3:2008; EN 55024:2010; EMC Directive 2004/108/EC; Other EMC approvals as required by individual countries ENERGY STAR® qualified; EPEAT® Silver; CECP; Blue Angel RAL-UZ 205
What's in the box	HP LaserJet Pro M501; Preinstalled introductory HP LaserJet Toner Cartridge (Black: 6,000 pages); In-box documentation (installation guide, getting started guide, user's guide, support flyer, warranty guide); Printer documentation and software on CD-ROM; Software drivers and documentation on CD-ROM; CD's containing software and electronic documentation; Power cord	HP LaserJet Pro M501; Preinstalled introductory HP LaserJet Toner Cartridge (Black: 6,000 pages); In-box documentation (installation guide, getting started guide, user's guide, support flyer, warranty guide); Printer documentation and software on CD-ROM; Software drivers and documentation on CD-ROM; CD's containing software and electronic documentation; Power cord
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] Based on HP internal testing of top three leading competitors' first page out from sleep mode and duplex print speed completed 12/2015. Subject to device settings. Actual results may vary. For details, see http://www.hp.com/go/Ljclaims.
[2] More pages versus predecessor cartridges claim based on page-yield comparison of HP 55X High Yield Black Original LaserJet Toner Cartridges with HP 87X High Yield Black Original LaserJet Toner Cartridges. For more information, see http://www.hp.com/go/learnaboutsupplies.
[3] Measured using ISO/IEC 24629. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[4] Measured using ISO/IEC 24734 Feature Performance Test; 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.
[5] Purchase of optional paper trays required to reach maximum input capacity.
[6] Requires purchase of separate USB flash drive with at least 16 GB capacity.
[7] Based on HP internal secured data (Device Security Comparison January 2015), and Solutions Report on HP JetAdvantage Security Manager 2.1 from Buyers Laboratory LLC, February 2015. Requires separate purchase. For details, see http://www.hp.com/go/securitymanager.
[8] HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin.
[9] HP 87X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately.

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.
[2] Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
[3] 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.
[4] HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
[5] Includes control panel height and 4mm side handle protrusions.
[6] Acoustic values are subject to change. For current information see http://www.hp.com/support. Configuration tested: simplex printing using A4 paper at 43 ppm.
[7] 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 values typically based on measurement of 115V device.