HP LaserJet Pro M501n

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]

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]
- This printer leads its class in low energy use[4] – thanks to its innovative design and toner technology.
- Get consistently high-quality documents across a variety of media – at up to 65 pages per minute on A5 paper.[5]
- This compact, quiet printer is designed to fit in tight spaces and offers a 1,200-sheet maximum capacity.[6]

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.[7]
- Employ policy-based protection for printing devices with optional HP JetAdvantage Security Manager.[8]
- Easily manage devices and settings using HP Web Jetadmin with a suite of essential management features.[9]

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]
- Help ensure the Original HP quality you paid for, using anti-fraud and cartridge authentication technology.
- Print right away with a preinstalled toner cartridge. Replace it with an optional high-yield cartridge.[10]

Instant-on Technology

First page out XX sec

Ethernet

Input tray

Product walkaround

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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, [7] 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. 550-sheet tray 2

Accessories, Supplies and Support

Supplies	**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**
Product number	J8H60A
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 speed[1]	Up to 43 ppm black (A4)
First page out from ready[2]	As fast as 5.8 sec black (A4, ready)
First page out from sleep[2]	As fast as 7.2 sec
Print resolution	600 x 600 dpi, up to 4800 x 600 enhanced dpi black
Print technology	Laser
Print Area	Print margins: Top: 5.0 mm; Bottom: 5.0 mm; Left: 5.0 mm; Right: 5.0 mm
Print languages	HP PCL 5, HP PCL 6, HP Postscript Level 3 emulation, direct PDF (v 1.7) printing, URF, PCLM, PWG
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
Monthly duty cycle[3, 4]	Up to 100,000 pages (A4), Recommended monthly page volume: 1,500 to 6,000
Duplex printing	Manual
Fonts and typefaces	84 scalable TrueType fonts
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
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
Memory	Standard: 256 MB; Maximum: 256 MB
Paper handling	
Media types	Paper (plain, light, midweight, intermediate, heavy, extra heavy, bond, cardstock, coloured, letterhead, preprinted, prepunched, recycled, rough, ecofficient); Envelopes; Labels; Transparencies
Paper 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)
Paper handling	Standard input: 100-sheet multipurpose tray and 550-sheet main cassetteStandard output: 250-sheet face down output tray Optional/Input: Optional 550-sheet cassette tray (Tray 3)
Input capacity	Tray 1: 100 sheets cut sheet paper; 10 envelopes Tray 2: 550 sheets cut sheet paper Tray 3 (optional): 550 sheets cut sheet paper Maximum: 1200 sheets
Output capacity	Standard: Up to 250 sheets, Up tp 10 envelopes, Up to 75 sheets Maximum: Up to 250 sheets
Paper weight	Tray 1: 60 to 220 g/m²; Tray 2, Tray 3: 60 to 220 g/m²
Compatible operating systems[5]	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[5]	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+
Mobile printing capability[5]	HP ePrint, Apple AirPrint™, Mopria-certified
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
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

Model	HP LaserJet Pro M501n
Product number	J8H60A
Dimensions and Weight	
Printer dimensions (W x D x H)[6]	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
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[7]	Acoustic power emissions: 6.8 B(A); Acoustic pressure emissions: 54 dB(A)
Power[8]	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) Power supply type: Built-in power supply Typical Electricity Consumption: 1.677 kWh/Week
Energy savings feature technology	HP Auto-Off Technology; HP Auto-On/Auto-Off Technology; Instant-on Technology; Low-power sleep mode
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
Warranty	One-year, next-business day, onsite 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 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.; [4] Based on comparisons of TEC (Typical Electricity Consumption) data reported on energystar.gov for mono laser printers with >1% worldwide market share as reported by IDC as of Q3 2015, available worldwide and with print speeds of 40–50 ppm (A4). Actual results may vary. Learn more at hp.com/go/ljclaims.; [5] 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.; [6] Purchase of optional paper trays required to reach maximum input capacity.; [7] Requires purchase of separate USB flash drive with at least 16 GB capacity.; [8] 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.; [9] HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin.; [10] 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] Not all "Compatible Operating Systems" are supported with inbox software. Full solution software available only for Windows 7 and newer. Legacy Windows Operation Systems (Vista, and equivalent servers) get print drivers only. Windows RT OS for Tablets (32-bit/64-bit) uses a simplified HP print driver built into the RT OS. UNIX Modelscripts are available on hp.com (modelscripts are printer drivers for UNIX operating systems). Linux systems use in-OS HPLIP software. HP Software for Mac is no longer included on the CD, but can be downloaded from hp.com (the Mac driver and Mac Utility are installed for Mac operating systems).; [6] Includes control panel height and 4mm side handle protrusions.; [7] 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.; [8] 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.; [9] 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.