Data sheet

HP LaserJet Pro M501 series

Gain impressive print speeds and performance with this energy-saving printer that starts faster.[1]

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 M501dn

Big results, small footprint

- Don't wait for documents. Print your first page in as few as 7.3 seconds from energy-efficient sleep mode.[5]
- This printer leads its class in low energy use[3]—thanks to its innovative design and toner technology.
- Print two-sided documents fast and print up to 65 pages per minute on A5 paper.[1,6]
- This compact, quiet printer is designed to fit in tight spaces and offers a 1,200-sheet maximum capacity.[7]

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.[4]
- Employ policy-based protection for printing devices with optional HP JetAdvantage Security Manager.[9]
- 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]
- 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]

[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] 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 http://www.hp.com/go/ljclaims [4] Requires purchase of separate USB flash drive with at least 16 GB capacity. [5] 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. [6] 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. [7] Purchase of optional paper trays required to reach maximum input capacity. [8] HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin [9] 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 [10] HP 87X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately. [11] An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

Product walkaround

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

HP LaserJet Pro M501dn

Front view

Series at a glance

Model	HP LaserJet Pro M501dn
Product number	J8H61A
Standard 100-sheet multipurpose tray	√
550 sheet tray 2	√
550-sheet tray 3	Optional

[1]Requires purchase of separate USB flash drive with at least 16 GB capacity.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

Next Business Day with Defective Media Retention:
Customers can retain their hard disk drive and keep control of sensitive data.

Next Business Day Exchange:
Exchange of hardware at customers' premise the next business day, if the issue cannot be resolved remotely.

Installation Service with Network Setup:
Installation services that include onsite installation and network setup of printing product.

For carepack availability visit: hp.com/go/cpc

Top features

Stay ahead of schedule with the fastest first page out from sleep mode.[1] This compact, quiet printer outperforms the competition on energy efficiency and delivers ultra-fast two-sided printing.[3]

Work with confidence, not worries. Get strong protection for devices, data, and documents, using embedded security features, and centrally manage your entire printer fleet.[8]

Bring out the best in your printer. Print more high-quality pages than ever before,[2] using specially designed Original HP Toner cartridges with JetIntelligence. Count on the authentic HP quality you paid for—something the competition can't match.

Accessories

F2A72A - HP LaserJet 550-sheet Paper Tray

Supplies

CF287A HP 87A Black Original LaserJet Toner Cartridge
CF287X HP 87X High Yield Black Original LaserJet Toner Cartridge

Services

HP LaserJet Pro M501dn

U9CQ0E - HP 3 year Next Business Day + Defective Media Retention LaserJet M501 Hardware Support
U9CQ1E - HP 4 year Next Business Day + Defective Media Retention LaserJet M501 Hardware Support
U9CQ2E - HP 5 year Next Business Day + Defective Media Retention LaserJet M501 Hardware Support
U9CQ4E - HP 3 year Next Business Day Exchange LaserJet M501 Service
U9CR0PE - HP 1 year Post Warranty Next Business Day+Defective Media Retention LaserJet M501 Hardware Support
UC742E - Installation for 1 Network Configuration for Personal or Workgroup printer

[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] 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 http://www.hp.com/go/ljclaims [4] Requires purchase of separate USB flash drive with at least 16 GB capacity. [5] 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. [6] 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. [7] Purchase of optional paper trays required to reach maximum input capacity. [8] HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin [9] 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 [10] HP 87X High Yield Black Original LaserJet Toner Cartridges not included; please purchase separately. [11] An FCC Class A emissions compliant device meets the less stringent (higher) levels of emissions allowed by the FCC for a product operation in a commercial environment. An FCC class A device cannot be marketed for use in a residential environment and an FCC class A device should not be purchased for use in a residential environment due to the increased risk of interference to radio communications.

HP LaserJet Pro M501 series

Technical Specifications	HP LaserJet Pro M501dn (J8H61A)
Print speed	**Letter:** Up to 45 ppm black; [10]; **First Page Out Black:** As fast as 5.7 sec; [12]
Print resolution	**Black (best):** 600 x 600 dpi, Up to 4800 x 600 enhanced dpi
Print Technology	Laser; **Print Resolution Technologies:** HP FastRes 1200, HP ProRes 1200, 600 dpi
Print Cartridges Number	1 (black)
Standard 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	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
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
Standard Connectivity	Hi-Speed USB 2.0 Host/Device Ports; Fast Ethernet 10Base-T/100Base-Tx, Gigabit Ethernet 1000Base-T
Network Capabilities	Yes, via built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X
Network Ready	Standard (built-in Gigabit Ethernet)
Wireless Capability	No
Mobile Printing Capability	HP ePrint; Apple AirPrint™; Mopria™-certified
Memory	**Standard:** 256 MB; **Maximum:** 256 MB
Processor Speed	1500 MHz
Duty Cycle	**Monthly, letter:** Up to 100,000 pages[13]; **Recommended Monthly Page Volume:** 1500 to 6000[14]
Paper Handling	**Input Capacities:** 100-sheet multipurpose tray and 550-sheet main cassette; 650 standard labels legal; **Output Capacities:** 250-sheet face down output tray; Up to 250 sheets standard labels legal; **Duplex Options:** Automatic; **Envelope Feeder:** No; **Standard Paper Trays:** 2: 1 x 550 cassette and 1 x 100-sheet multipurpose tray; **Media Types Supported:** Paper (plain, EcoFFICIENT, light, midweight, intermediate, heavy, extra heavy, bond, cardstock, colored, letterhead, preprinted, prepunched, recycled, rough, ecofficient); envelopes; labels; transparencies; **Media Weight Supported:** Tray 1: 16 to 58 lb bond; Tray 2 & Tray 3: 16 to 32 lb bond; **Media Sizes Supported:** Tray 1: 4 x 6 in, 5 x 8 in, Letter, Legal, Executive, Oficio 8.5 x 13 in, Envelope No. 10, Monarch, Custom; Tray 2 & Tray 3: 5 x 8 in, Letter, Legal, Executive, Oficio 8.5 x13 in, Custom; **Media Sizes Custom:** Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2 & Tray 3: 4.14 x 5.83 to 8.5 x 14 in
Product Dimensions	**W x D x H:** 16.46 x 14.80 x 11.38 in[2]; **Maximum:** 16.46 x 25.16 x 11.38 in
Product Weight	25.6 lb[3]
What's in the box	HP LaserJet Pro MFP M501n; preinstalled introductory HP LaserJet Toner cartridge (Black: ~6000 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 Features	NA/EMEA: One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support to learn about HP award winning service and support options in your region; AP: One year return to bench
Energy Efficiency Compliance	ENERGY STAR® qualified; EPEAT® Silver; CECP; Taiwan Green Mark
Control Panel	2-line; backlit text display; 6 buttons (Cancel job, Up arrow, Down arrow, Select, Back, Settings) and 12 key numerical
Display Description	2-line LCD (text)
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)
Fonts and Typefaces	84 scalable TrueType fonts
Compatible Operating Systems	Windows OS compatible with In-Box Driver; Windows XP SP3 all 32-bit editions (XP Home, XP Pro, etc.), Windows Vista all 32-bit editions (Home Basic, Premium, Professional, etc.), Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets),Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets);Windows OS compatible with Universal Print Driver (From HP.com); Windows XP SP3 32- & 64-bit editions (XP Home, XP Pro, etc.),Windows Vista all 32- & 64-bit editions (Home Basic, Premium, Professional, etc.),Windows 7 all 32- & 64-bit editions, Windows 8/8.1 all 32- & 64-bit editions (excluding RT OS for Tablets), Windows 10 all 32- & 64-bit editions (excluding RT OS for Tablets) ;Mac OS (HP Print Drivers available from HP.com and Apple Store); OS X 10.9 Mavericks, OS X 10.10 Yosemite, OS X 10.11 El Capitan; 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[17]
Compatible Network Operating Systems	Windows OS compatible with In-Box Driver; Windows Server 2003/2003 R2 32-bit (SP1/SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 32-/64-bit (SP2) Standard/Enterprise (+ Cluster & Terminal Services), Windows Server 2008 R2 64-bit (SP1) Standard/Enterprise (+ Cluster & Terminal Services ;Windows OS compatible with Universal Print Driver (UPD) or Product-Specific drivers from HP.com; Windows Server 2003/2003 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2008/2008 R2 32-/64-bit (SP1/SP2) Standard/Enterprise/Datacenter (+ Cluster & Terminal Services), Windows Server 2012/2012 R2 64-bit Standard/Foundation/Essentials/Datacenter (+ Cluster & Terminal Services) ;Citrix (on Windows Server 2003/2003R2), 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 2008/2008R2, 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 2012/2012R2, Citrix XenApp 7.5, Citrix XenDesktop 7.0/7.5 ;Novell Servers; 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 (www.novell.com/iprint; Windows 8 (32-bit / 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+
Minimum System Requirements	**PC:** 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 harddisk 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 harddisk space; (For operating system minimum hardware requirements, see the OS manufacturer, such as Apple.com)
Power	**Power Supply Type:** Internal (Built-in) power supply; **Power Requirements:** Input voltage: 100 to 127 VAC, 60 Hz; Input voltage: 200 to 240 VAC, 50 Hz (Not dual voltage, power supply varies by part number with #option code identifier); **Power 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)[4]
Acoustics	**Acoustic Power Emissions:** 6.8 B(A); **Acoustic Pressure Emissions:** 54 dB(A)[8]
Operating Environment	**Operating Temperature Range:** 59 to 90.5ºF; **Recommended Operating Temperature:** 63.5 to 77ºF; **Storage Temperature Range:** -4 to 140ºF; **Non-Operating Humidity Range:** 10 to 90% RH; **Operating Humidity Range:** 10 to 80% RH; **Recommended Humidity Operating Range:** 30 to 70% RH
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

[2] Includes control panel height and 4mm side handle protrusions [3] Includes size-A cartridge [4] 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 typicallty based on measurement of 115V device. [5] 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 typicallty based on measurement of 115V device. [6] Based on the BA TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled. Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-houes (kWh). [7] Declared yield value in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies. [8] 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. [9] 256 MB PC31600 [10] 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. [11] 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. [12] 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. [13] 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. [14] 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. [15] HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. Only available with Original HP supplies; Internet access required. To learn more, visit http://www.hp.com/go/SureSupply.

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