HP LaserJet Pro M501dn

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]

Compatible with Windows® 10

Windows 8 Compatible

ENERGY STAR

Mac

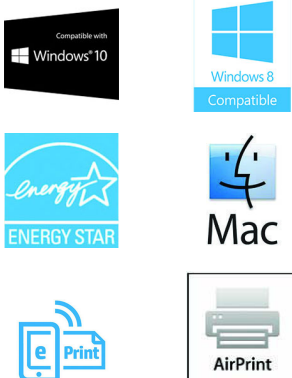ePrint

AirPrint

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]

Technical specifications

Functions / Multitasking supported	Print
Print speed[10,12,11]	**First page out A4:** As fast as 5.8 sec Black; **First page out Letter:** As fast as 5.7 sec Black; **A4:** Up to 43 ppm Black; **Letter:** Up to 45 ppm Black; **Print speed (Landscape, A5):** Up to 66 ppm Black
2-sided printing	**A4:** Up to 34 ipm Black; **Letter:** Up to 36 ipm Black
Print resolution	**Black (best):** 600 x 600 dpi, Up to 4800 x 600 enhanced dpi; **Black (normal):** 600 x 600 dpi, Up to 4800 x 600 enhanced dpi; **Black (fine lines):** Up to 1200 x 1200 dpi
Print technology	Laser ; **Print resolution technology:** HP FastRes 1200, HP ProRes 1200, 600 dpi
Print cartridges number	2 (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

Connectivity

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
Wireless capability	No
Mobile printing capability	HP ePrint; Apple AirPrint™; Mopria™-certified
Memory	**Standard:** 256 MB; **Maximum:** 256 MB
Processor speed	1500 MHz / **Storage:** 128 MB Flash /
Duty cycle (monthly)[13]	A4: Up to 100,000 pages; Letter: Up to 100,000 pages; Recommended monthly page volume[14]: 1500 to 6000
Paper handling	**Input Capacities:** 650 Standard; **Output Capacities:** Up to 250 sheets Standard; Up to 75 sheets; **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 sizes supported	Tray 1: 10 x 15 cm, 16k (184 x 260 mm), 16k (195 x 270 mm), 16k (197 x 273 mm), A4, A5, A6, Envelope B5, Envelope C5, Custom, Envelope DL, B5 (JIS), B6 (JIS), Japanese Postcard, Double Japan Postcard Rotated, Oficio (216 x 340 mm); Tray 2 & Tray 3: 16k (184 x 260 mm), 16k (195 x 270 mm), 16k (197 x 273 mm), A4, A5, A6, Custom, B5 (JIS), B6 (JIS), Double Japan Postcard Rotated, Oficio (216 x 340 mm)
Media Sizes Custom	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

What's in the box	J8H61A HP LaserJet Pro M501; 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; USB cable (AP only)
Replacement cartridges[7]	HP 87A Black Original LaserJet Toner Cartridge (~8,550 yield) CF287A, HP 87X Black Original LaserJet Toner Cartridge (~18,000 yield) CF287X
Product dimensions	**W x d x h:** 418 x 376 x 289 mm; **Maximum:** 418 x 639 x 289 mm
Product weight	11.6 kg; 25.6 lb
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 star certified	Yes
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)
Compatible operating systems[17]	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
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[4],	**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)
Acoustics	**Acoustic power emissions:** 6.8 B(A)
Operating environment	**Operating temperature range:** 15 to 32.5ºC; **Recommended operating temperature:** 17.5 to 25ºC; **Storage temperature range:** -20 to 60ºC; **Non-operating humidity range:** 10 to 90% RH; **Operating humidity range:** 10 to 80% RH; **Recommended humidity operating range:** 30 to 70% RH
Accessories	F2A72A HP LaserJet 550-sheet Paper Tray
HP Service and Support options	U9CQ2E - HP 5 year Next business day + DMR LaserJet Pro M501 HW Support; U9CQ1E - HP 4 year Next business day + DMR LaserJet Pro M501 HW Support; U9CQ0E - HP 3 year Next business day + DMR LaserJet Pro M501 HW Support; U9CP9E - HP 2 year Next business day + DMR LaserJet Pro M501 HW Support; U9CR0PE - HP 1 year Post Warranty Next business day + DMR LaserJet Pro M501 HW Support

Learn more at hp.com

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