Print only

HP Color LaserJet Pro M452dn Printer

Ideal printing performance and robust security for how you work. This capable colour printer finishes jobs faster and delivers comprehensive security to guard against threats.[1] Original HP Toner cartridges with JetIntelligence produce more pages.[2]

Fast printing. Strong protection
- Grab pages and go—without waiting around. This printer wakes up and prints faster than the competition.[1]
- Breeze through multipage documents with two-sided printing that's faster than leading competitors.[1]
- Help keep printing safe from boot up to shutdown with security features that guard against complex threats.

More. Pages, Performance, and Protection
- Get the most prints for your money—with Original HP High Yield Color Toner cartridges with JetIntelligence.[2]
- Count on professional quality at high speeds with HP ColorSphere 3 toner.
- Help ensure you're getting the authentic HP quality you paid for with innovative anti-fraud technology.
- Print right away with preinstalled toner cartridges. Replace them with optional high-yield cartridges.

Easy management. Efficient printing
- Easily manage tasks directly at the device. The 2-line LCD display is simple to read and operate.
- Set up this printer fast and easily manage device settings to help increase overall printing efficiency.
- Easily manage devices and settings using HP Web Jetadmin with a suite of essential management features.[3]
- Print using less energy than competitors—enhanced by Original HP Toner cartridges with JetIntelligence.[4]

Stay connected with easy mobile printing options
- Easily print from a variety of smartphones and tablets—generally no setup or apps required.[5]
- Easily set up, print, and share with built-in Ethernet networking.

Technical specifications

Functions	Print only
Print	
Duplex print options	Automatic (standard)
Print speed[1]	**Black (normal, A4):** Up to 27 ppm; **Black (normal, letter):** Up to 28 ppm; **Colour (normal, A4):** Up to 27 ppm; **Colour (normal, letter):** Up to 28 ppm
First page out[2]	**Black (A4, ready):** As fast as 9.0 sec; **Colour (A4, ready):** As fast as 9.9 sec
Print technology	Laser
Print resolution technologies	HP ImageREt 3600, PANTONE® calibrated
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Standard print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, PCLm, Native Office, PWG Raster
Printer management	Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator); HP Web JetAdmin Software; HP Proxy Agent Software; HP Imaging and Printing Security Center; HP Utility (Mac); HP Device Toolbox (Win 7)
Connectivity	
Standard connectivity	Hi-Speed USB 2.0 port; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; Easy-access USB
Mobile printing capability[3]	HP ePrint, Apple AirPrint™, Mopria-certified, Google Cloud Print 2.0, Mobile Apps
Network ready	Standard (built-in Gigabit Ethernet)
Network capabilities	Via built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X
Wireless capability	No
HP ePrint capability	Yes
Memory	128MB DRAM
Duty cycle[4]	Up to 50,000 pages; **Recommended monthly page volume:[5]** 750 to 4,000pages
Processor speed	1200 MHz
Paper handling	
Input	50-sheet multipurpose tray, 250-sheet input tray; **Optional:** 550-sheet tray
Output	150-sheet output bin
Media type	Paper (bond, brochure, coloured, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes
Media weight	**Tray 1:** 60 to 176 g/m² (up to 200 g/m² with postcards and HP Color laser glossy photo papers); **Tray 2:** 60 to 163 g/m² (up to 176 g/m² with postcards, up to 200 g/m² HP Colour laser glossy photo papers): optional **Tray 3:** 60 to 163 g/m² (up to 176 g/m² with postcards, up to 150 g/m² Glossy media); Automatic duplexer: 60 to 163 g/m²
Media sizes custom	**Tray 1:** 76 x 127 to 216 x 356 mm; **Tray 2, optional Tray 3:** 100 x 148 to 216 x 356 mm
Dimensions (W x D x H)	412 x 469 x 295 mm (16.2 x 18.5 x 11.6 in)
Weight	18.9 kg (41.7 lb)
What´s in the box[6]	HP Color LaserJet Pro M452dn; 4 preinstalled Introductory HP 410A LaserJet Toner cartridges (Black, Cyan, Magenta, Yellow: ~1,200 pages); In-box documentation (Getting Started Guide, Install Poster); Software drivers and documentation on CD-ROM; Power cord; USB cable
Warranty features	1 Year Limited Warranty (Return to HP/Dealer - Standard Bench Repair)
Systems	
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 10.7 Lion, OS X 10.8 Mountain Lion, OS X 10.9 Mavericks, OS X 10.10 Yosemite; 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
Minimum system requirements	**PC:** Windows XP (SP2) (32-bit) or newer; 233 MHz processer or higher; 512 MB RAM; 400 MB available hard disk space; CD-ROM or Internet; USB or Network connection; **Mac:** Mac OS X v 10.7 or newer; Internet; USB or Network connection; 1 GB available hard disk space
Fonts and typefaces	84 scalable TrueType fonts
Control panel	2-line backlit LCD graphic display; 5 buttons (Cancel, Select, Reverse, Right/Left arrows); LED indicator lights (Attention, Ready)
Power	**Power supply type:** Internal (Built-in) power supply; **Power supply required:** 110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier); **Power consumption:[7]** 570 watts (Active Printing), 17.6 watts (Ready), 2.4 watts (Sleep), 0.6 watts (Auto-On/Auto-Off, via USB connectivity), 0.05 watts (Shutdown or Off)
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), HP Device Toolbox, HP Product Improvement Study, Online user manuals. (Software varies by OS: WinXP/Vista = driver only); Windows 7: Full solution; Windows 8+ and newer: drivers only with more apps available in MS App store; **For Mac OS:** Welcome Screen, (Directs users to HP.com or OS App Source for LaserJet Software)
Acoustic	**Acoustic power emissions:[8]** 6.3 B(A); **Acoustic power emissions (ready):** 4.8 B(A); **Acoustic pressure emissions bystander (active, printing):** 49 dB(A); **Acoustic pressure emissions bystander (ready):** 34 dB(A)
Environmental ranges	**Operating temperature range:** 15 to 30° C (59 to 86° F); **Recommended operating temperature:** 15 to 27° C (59 to 80.6° F); **Non-operating humidity range:** 10 to 95% RH (non-condensing); **Operating humidity range:** 10 to 80% RH (non-condensing); Recommended operating humidity range: 20 to 70% RH (non-condensing)
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
Safety approvals and requirements	EN 60950-1:2006 +A11:2009 +A1:2010 +A12:2011; IEC 60950-1:2005 +A1:2009; EN 62479:2010/IEC 62479:2010; CAN/CSA C22.2 No. 60950-1-07 2nd Ed. 2011-12; Compliance of IEC 60950-1 standard considers all country deviations according to the most recent IECEE CB Bulletin; UL/cUL Listed and UC CoC (US/Canada); GS Certificate (Germany, Europe); Low Voltage Directive 2006/95/EC with CE Mark (Europe); Compliance with Laser safety standards EN 60825-1:2007/IEC 60825-1:2007 (Class 1 Laser Product); Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 50, Dated June 24, 2007 FDA 21 CFR subchapter J part 1010 and 1040 (FDA Accession Number via test/ reporting to CDRH Factory ID, location and inspections are part of the certification process and record)
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

Ordering information

Number	Description
CF389A	HP Color LaserJet Pro M452dn

Supplies

Number	Description
CF410A	HP 410A Black LaserJet Toner Cartridge (~2,300 pages)
CF410X	HP 410X Black LaserJet Toner Cartridge (~6,500 pages)
CF411A	HP 410A Cyan LaserJet Toner Cartridge (~2,300 pages)
CF411X	HP 410X Cyan LaserJet Toner Cartridge (~5,000 pages)
CF412A	HP 410A Yellow LaserJet Toner Cartridge (~2,300 pages)
CF412X	HP 410X Yellow LaserJet Toner Cartridge (~5,000 pages)
CF413A	HP 410A Magenta LaserJet Toner Cartridge (~2,300 pages)
CF413X	HP 410X Magenta LaserJet Toner Cartridge (~5,000 pages)

HP Care Packs

Number	Description
U8TN1E	HP 3-year Next Business Day Color LaserJet M452 Hardware Support
U8TN2E	HP 4-year Next Business Day Color LaserJet M452 Hardware Support
U8TN3E	HP 5-year Next Business Day Color LaserJet M452 Hardware Support
U8TN6PE	HP 1-year Post Warranty Next Business Day Color LaserJet M452 Hardware Support

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Accessories

Number	Description
CF404A	HP LaserJet 550-sheet Paper Feeder
P0R81AA	HP v222w 16GB Mini USB Drive

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