

## HP Color LaserJet Pro M454dw (W1Y45A)



**HP Color LaserJet Pro M454 printer. Designed to let you focus on growing business, staying ahead.**

Winning in business means working smarter. The HP Color LaserJet Pro M454 printer is designed to let you focus your time where it's most effective—helping to grow your business and staying ahead of the competition.



**Built to keep you—and your business—moving forward.**

Help decrease the amount of paper used in the office by printing on both sides of the page.

**Best -in-class security [6]**

A suite of embedded security features help protect your printer from being an entry point for attacks.[6]

**Simply designed to uncomplicate your day**

Set up this printer fast and easily manage device settings to help increase overall printing efficiency.

**Featuring**

Enhanced workflows

Wi-Fi-Dual band

Enhanced security

Bluetooth® Low-Energy for HP Roam for Business

New user interface

Energy efficient

## Specifications

<b>Print Resolution Technologies</b>	HP ImageREt 3600, PANTONE® calibrated
<b>Print quality black (best)</b>	600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi
<b>Print quality color (best)</b>	600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi
<b>Print speed black (ISO, A4)</b>	Up to 27 ppm
<b>Print speed black (ISO, letter)</b>	Up to 28 ppm
<b>Print Speed Color (ISO)</b>	Up to 27 ppm
<b>Print speed color (ISO)</b>	Up to 28 ppm
<b>Print speed</b>	Print speed up to 28 ppm (black) and 28 ppm (color)
<b>Functions</b>	Print
<b>Duplex printing</b>	Automatic (default)
<b>Duty cycle (monthly, A4)</b>	Up to 50,000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 50,000 pages <sup>[9]</sup>
<b>Printer smart software features</b>	Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, Wi-Fi Direct Printing, ROAM enabled for easy printing, HP ePrint, HP Auto-On/Auto-Off Technology, Bluetooth® Low-Energy, Job Storage with PIN printing, N-up printing, collation
<b>Energy savings feature technology</b>	HP Auto-On/Auto-Off Technology; Instant-on Technology
<b>Replacement cartridges</b>	AMS: For distribution and use in North America and Latin America only: HP 414A Black Original LaserJet Toner Cartridge (~2,400 pages) W2020A; HP 414A Cyan Original LaserJet Toner Cartridge (~2,100 pages) W2021A; HP 414A Yellow Original LaserJet Toner Cartridge (~2,100 pages) W2022A; HP 414A Magenta Original LaserJet Toner Cartridge (~2,100 pages) W2023A; HP 414x Black Original LaserJet Toner Cartridge (~7,500 pages) W2020x; HP 414x Cyan Original LaserJet Toner Cartridge (~6,000 pages) W2021x; HP 414x Yellow Original LaserJet Toner Cartridge (~6,000 pages) W2022x; HP 414x Magenta Original LaserJet Toner Cartridge (~6,000 pages) W2023x; EMEA: For distribution and use in Europe, Middle East, Russia, CIS, and Africa only: HP 415A Black Original LaserJet Toner Cartridge (~2,400 pages) W2030A; HP 415A Cyan Original LaserJet Toner Cartridge (~2,100 pages) W2031A; HP 415A Yellow Original LaserJet Toner Cartridge (~2,100 pages) W2032A; HP 415A Magenta Original LaserJet Toner Cartridge (~2,100 pages) W2033A; HP 415x Black Original LaserJet Toner Cartridge (~7,500 pages) W2030x; HP 415x Cyan Original LaserJet Toner Cartridge (~6,000 pages) W2031x; HP 415x Yellow Original LaserJet Toner Cartridge (~6,000 pages) W2032x; HP 415x Magenta Original LaserJet Toner Cartridge (~6,000 pages) W2033x; APJ: For distribution and use in Asia Pacific only: HP 416A Black Original LaserJet Toner Cartridge (~2,400 pages) W2040A; HP 416A Cyan Original LaserJet Toner Cartridge (~2,100 pages) W2041A; HP 416A Yellow Original LaserJet Toner Cartridge (~2,100 pages) W2042A; HP 416A Magenta Original LaserJet Toner Cartridge (~2,100 pages) W2043A; HP 416x Black Original LaserJet Toner Cartridge (~7,500 pages) W2040x; HP 416x Cyan Original LaserJet Toner Cartridge (~6,000 pages) W2041x; HP 416x Yellow Original LaserJet Toner Cartridge (~6,000 pages) W2042x; HP 416x Magenta Original LaserJet Toner Cartridge (~6,000 pages) W2043x <sup>[4]</sup>
<b>Supplies feature</b>	HP JetIntelligence Cartridge
<b>Connectivity, standard</b>	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; 1 Wireless 802.11b/g/n/2.4/5 Ghz Wi-Fi radio
<b>Network capabilities</b>	Yes, via built-in 10/100/1000Base-Tx Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1x
<b>Wireless capability</b>	Yes, built-in dual-band Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct; Bluetooth Low-Energy
<b>Mobile printing capability</b>	Apple AirPrint™; Google Cloud Print™; HP ePrint; HP Smart App and other mobile Apps; Mopria™ Certified; ROAM capable for easy printing; Wi-Fi® Direct printing
<b>Network protocols, supported</b>	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, 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
<b>Software included</b>	No software solutions are included in the Box, only on <a href="http://hp.com">http://hp.com</a> , <a href="http://123.hp.com/laserjet">http://123.hp.com/laserjet</a>
<b>Compatible Operating Systems</b>	Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win8 Enterprise N, Win7 Starter Edition SP1, UPD Win7 Ultimate, Mobile OS, iOS, Android, Mac, Apple® macOS Sierra v10.12, Apple® macOS High Sierra v10.13, Apple® macOS Mojave v10.14, Discrete PCL6 Printer Driver, For more information on the supported operating systems go to <a href="http://support.hp.com">http://support.hp.com</a> , Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) User Guide, Search for the Supported Operating Systems section, UPD PCL6 / PS Printer Drivers, Supported Operating systems, For more information on the supported operating systems see <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a>
<b>Environmental</b>	Mercury free

<b>ENERGY STAR® certified</b>	Yes
<b>Energy efficiency</b>	EPEAT® Silver; CECP; ENERGY STAR® qualified; Blue Angel RAL-UZ 205 <sup>[13]</sup>
<b>Blue Angel compliant</b>	Yes, Blue Angel RAL-UZ 205
<b>Display area (imperial)</b>	2.12 in x 1.59 in
<b>Display area (metric)</b>	54mm x 40.5mm
<b>Display</b>	2.7-in intuitive color touchscreen
<b>Minimum dimensions (W x D x H)</b>	412 x 469 x 295 mm
<b>Minimum dimensions (W x D x H)</b>	16.2 x 18.5 x 11.6 in
<b>Weight</b>	18.9 kg
<b>Weight</b>	41.7 lb
<b>Power consumption</b>	550 watts (active printing), 17 watts (ready), 0.9 watts (sleep), 0.9 watts (HP auto-off/auto-on), 0.07 watts (auto-off/manual-on), 0.07 watts (off) <sup>[2]</sup>
<b>Power supply type</b>	Internal (built-in) Power Supply
<b>What's in the box</b>	HP Color LaserJet Pro M454dw; 4 preinstalled Introductory HP LaserJet Toner cartridges (Black, Cyan, Magenta, Yellow: ~1200 pages); In-box documentation (Getting Started Guide, Install Poster), regulatory flyer, warranty card (China, Mexico); Internet connection is required to set up the printer. HP printer software is available at <a href="http://www.hp.com/support">http://www.hp.com/support</a> ; Power cord; USB cable. <sup>[1]</sup>
<b>Services (Care Pack)</b>	UB9U7E - HP 3y NBD CLJ Pro M454 SVC; UB9U8E - HP 4y NBD CLJ Pro M454 SVC; UB9U9E - HP 5y NBD CLJ Pro M454 SVC; UC0Q8E - HP 3y 4h 9x5 CLJ Pro M454 SVC; UC0Q9E - HP 4y 4h 9x5 CLJ Pro M454 SVC; UC0R0E - HP 5y 4h 9x5 CLJ Pro M454 SVC; UB9V0E - HP 3y NBD Exchange CLJ Pro M454 SVC; UB9V1E - HP 3y Onsite Exchange CLJ Pro M454 SVC; UB9V2E - HP 3y Return to Depot CLJ Pro M454 SVC; UB9V3PE - HP 1y PW NBD CLJ Pro M454 SVC; UC0R1PE - HP 1y PW 4h 9x5 CLJ Pro M454 SVC; UB9V4PE - HP 1y PW NBD Exchange CLJ Pro M454 SVC; UB9V5PE - HP 1y PW Onsite Exch CLJ Pro M454 SVC; UB9V6PE - HP 1y PW Return to Dep CLJ Pro M454 SVC; U9JT1E - HP Inst SVC w/nw Personal Scanner & Prnt
<b>Warranty</b>	One-year Bench/Depot Repair warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to <a href="http://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region. (wty code 4E; wty ID A033)

## Accessories and services

No Recommended Accessories and Services

## Messaging Footnotes

[6] Based on HP review of 2019 published security features of competitive in-class printers. Only HP offers a combination of security features that can monitor to detect and automatically stop an attack then self-validate software integrity in a reboot. For a list of printers, visit [hp.com/go/PrintersThatProtect](http://hp.com/go/PrintersThatProtect). For more information: <http://www.hp.com/go/printersecurityclaims>

## Technical Specifications Footnotes

[1] In box cartridges yield ~1,200 color composite (C/Y/M) and ~1,200 black pages based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see: <http://www.hp.com/go/learnaboutsupplies>. Pages may vary based on customer printing conditions.

[2] 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.

[4] Toner cartridges designed for distribution and use within a designated region only; will not work outside of designated region.

[9] 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.

[13] EPEAT® registered where applicable. EPEAT registration varies by country. See <http://www.epeat.net> for registration status by country.

