



## HP Color LaserJet Pro M454dn, Print, Two-sided printing

**Brand :** HP

**Product family:** Color LaserJet Pro **Product code:** W1Y44A

**Product name :** HP Color LaserJet Pro M454dn, Print, Two-sided printing

- Two-sided printing
  - Print
  - Print speed up to 28 ppm (black) and 28 ppm (colour)
  - 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi
- Color LaserJet Pro M454dn

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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.

Dynamic security enabled printer Certain HP printers are intended to work only with cartridges that have a new or reused HP chip or electronic circuitry. These printers use dynamic security measures to block cartridges using a non-HP chip or electronic circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP chips and electronic circuitry enable the use of reused, remanufactured, and refilled cartridges.



Printing		Performance	
Duplex printing mode	Auto	Built-in processor	✓
Print resolution colour	600 x 600 DPI	Processor frequency	1200 MHz
Print resolution black	600 x 600 DPI	Sound pressure level (printing)	48 dB
Print speed (colour, normal quality, A4/US Letter)	27 ppm	Noise level (ready)	14 dB
Colour *	✓	Sound power level (printing)	6.2 dB
Print technology *	Laser	Design	
Duplex printing *	✓	Market positioning *	Business
Maximum resolution *	600 x 600 DPI	Product colour *	White
Print speed (black, normal quality, A4/US Letter) *	27 ppm	Built-in display *	✓
Warm-up time	45 s	Display	LCD
Time to first page (black, normal)	9.5 s	Control type	Buttons
Time to first page (colour, normal)	11.1 s	Certification	CISPR 32:2012/EN 55032:2012 - Class B, CISPR 32:2015/EN 55032:2015 - Class B, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55024:2010+A1:2015, FCC Title 47 CFR, Part 15 Class B / ICES-003, Issue 6
Print margins (top, bottom, right, left)	4.23 mm		
Secure printing	✓		
Features		Power	
Maximum duty cycle *	50000 pages per month	Power consumption (printing) *	550 W
Recommended duty cycle	750 - 4000 pages per month	Power consumption (ready)	17 W
Printing colours *	Black, Cyan, Magenta, Yellow	Power consumption (PowerSave)	0.07 W
Number of print cartridges *	4	Power consumption (off)	0.07 W
Page description languages *	PCL 5e, PCL 6, PostScript 3, URF, PWG, PDF	Energy Star Typical Electricity Consumption (TEC)	0.394 kWh/week
Printer fonts	Scalable, TrueType	AC input voltage	110 - 240 V
Country of origin	Japan, Vietnam	AC input frequency	50/60 Hz
		System requirements	
		Windows operating systems supported	Windows 7, Windows 8.1, Windows 10, Windows 8, Windows 11
		Mac operating systems supported	Mac OS X 10.14 Mojave, Mac OS X 10.13 High Sierra, Mac OS X 10.12 Sierra
		Other operating systems supported	Android, iOS

Features		Operational conditions	
Replacement cartridges	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	Operating temperature (T-T)	10 - 32.5 °C
	HP segment	Business	Storage temperature (T-T)
		Operating relative humidity (H-H)	10 - 80%
Input & output capacity		Sustainability	
Total number of input trays *	2	Sustainability compliance	✓
Total input capacity *	300 sheets	Sustainability certificates	EPEAT Silver, ENERGY STAR, Blue Angel
Total output capacity *	150 sheets	Sustainable technologies and materials	Mercury free
Paper tray 1 input capacity	50 sheets	Doesn't contain	Mercury
Paper tray 2 input capacity	250 sheets		
Multi-Purpose tray	✓	Weight & dimensions	
Multi-Purpose tray input capacity	50 sheets	Width	412 mm
Maximum number of input trays	3	Depth	469 mm
Maximum input capacity	850 sheets	Height	295 mm
Maximum output capacity	150 sheets	Weight	18.9 kg
Paper handling		Packaging data	
Maximum ISO A-series paper size *	A4	Package width	497 mm
Paper tray media types *	Envelopes, Rough paper, Bond paper, Photo paper, Plain paper, Postcard, Letterhead, Labels, Recycled paper, Glossy paper	Package depth	379 mm
		Package height	583 mm
ISO A-series sizes (A0...A9) *	A4, A5, A6	Package weight	22 kg
ISO B-series sizes (B0...B9)	B5	Packaging content	
ISO C-series sizes (C0...C9)	C5	Cartridge(s) included	✓
Non-ISO print media sizes	Oficio, 16K	Included cartridge capacity (black)	1200 pages
JIS B-series sizes (B0...B9)	B5, B6	Included black & color (CMYK) cartridges capacity	1200 pages
Envelopes sizes	B5, C5, DL	Quick start guide	✓
Photo paper sizes	10x15 cm	Cables included	AC
Custom media width	76 - 216 mm	Brand-specific features	
Custom media length	127 - 356 mm	HP ePrint	✓
Paper tray media weight	60 - 200 g/m <sup>2</sup>	HP SureSupply	✓
Ports & interfaces		HP Web Jetadmin	✓
Standard interfaces	Ethernet, RJ-45, Wireless LAN	HP JetAdvantage Secure Print	✓
Direct printing *	✓	HP Auto-On/Auto-Off	✓
USB port *	✓		
USB 2.0 ports quantity	1	HP Management tools	HP SNMP Proxy Agent; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver, HP Printer Assistant; HP Utility (Mac); HP Device Toolbox
Network		Logistics data	
Network ready	✗	Harmonized System (HS) code	8443321020
Wi-Fi *	✗	Technical details	
Ethernet LAN *	✓	Master (outer) cases per pallet layer	6 pc(s)
Cabling technology	10/100/1000Base-T(X)		(ABT) 192018996076; (ABY) 192018996083; (ACQ) 192018996090; (B19) 192018996106; (BAZ) 192018996113
Ethernet LAN data rates	10,100,1000 Mbit/s	EAN/UPC/GTIN and local identifier(s)	192018996076, 192018996083, 192018996090, 192018996106, 192018996113
Security algorithms	PEAP, SNMPv3, EAP-TLS, HTTPS, SNMPv2, SSL/TLS	Other features	
Mobile printing technologies	Google Cloud Print, Apple AirPrint, HP ePrint, Mopria Print Service	Recommended system requirements	2 GB available hard disk space, Internet connection, USB port, Internet browser.
Performance		Acoustic power emissions (ready)	34 dB
Internal memory *	512 MB	Acoustic pressure emissions bystander (ready)	14 dB
Maximum internal memory	512 MB		

## Performance

Memory type

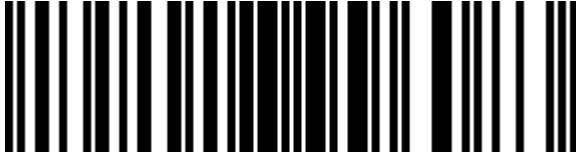
DRAM



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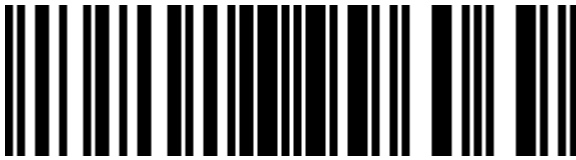
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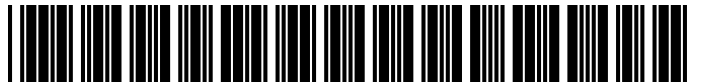
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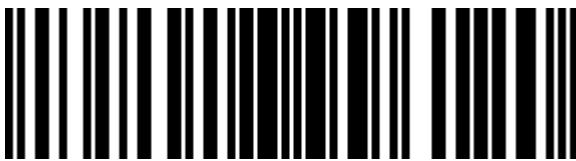
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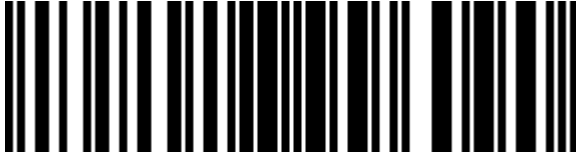
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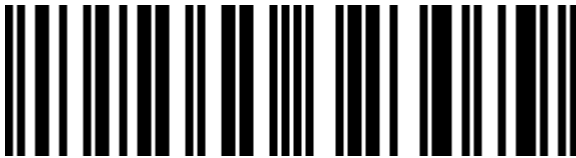
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