HP LaserJet Pro M454dn Color Printer, Ethernet Only; Duplex

Brand : HP

Product code: W1Y44A

Product name : LaserJet Pro M454dn Color Printer, Ethernet Only; Duplex

- 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

HP LaserJet Pro M454dn Color Printer, Ethernet Only; Duplex:

HP JetIntelligence Cartridge

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.
HP LaserJet Pro M454dn Color Printer, Ethernet Only; Duplex. Print technology: Laser, Maximum resolution: 600 x 600 DPI, Print speed (colour, normal quality, A4/US Letter): 27 ppm. Maximum ISO A-series paper size: A4. Direct printing. Product colour: White
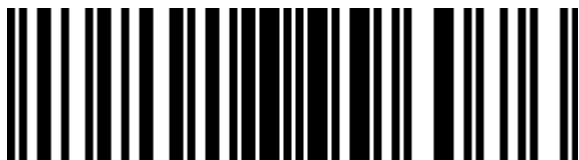
Printing

Duplex printing mode	Auto
Print resolution colour	600 x 600 DPI
Print resolution black	600 x 600 DPI
Print technology *	Laser
Duplex printing *	✔
Maximum resolution *	600 x 600 DPI
Print speed (black, normal quality, A4/US Letter) *	27 ppm
Print speed (colour, normal quality, A4/US Letter)	27 ppm
Warm-up time	45 s
Time to first page (black, normal)	9.5 s
Time to first page (colour, normal)	11.1 s
Print margins (top, bottom, right, left)	4.23 mm
N-in-1 print function	✔
Secure printing	✔

Features

Recommended duty cycle	750 - 4000 pages per month
Maximum duty cycle *	50000 pages per month
Number of print cartridges *	4
Printing colours *	Black, Cyan, Magenta, Yellow
Page description languages	PCL 5e, PCL 6, PostScript 3, URF, PWG, PDF
Printer fonts	Scalable, TrueType
Country of origin	Japan, Vietnam

Design

Display	LCD
Control type	Buttons

Power

Power consumption (PowerSave)	0.07 W
Power consumption (printing)	550 W
Power consumption (ready)	17 W
Power consumption (sleep)	0.9 W
Power consumption (off)	0.07 W
Energy Star Typical Electricity Consumption (TEC)	0.394 kWh/week
AC input voltage	110 - 240 V
AC input frequency	50/60 Hz

Brand-specific features

HP ePrint	✔
HP SureSupply	✔
HP Web Jetadmin	✔
HP JetAdvantage Secure Print	✔
HP Auto-On/Auto-Off	✔
HP Dynamic security	✔
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
HP GTIN (EAN/UPC) with options	(ABT) 192018996076; (ABY) 192018996083; (ACQ) 192018996090; (B19) 192018996106; (BAZ) 192018996113
HP GTIN (EAN/UPC)	192018996076, 192018996083, 192018996090, 192018996106, 192018996113

Features

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
HP segment	Business

Input & output capacity

Total number of input trays *	2
Total input capacity *	300 sheets
Total output capacity *	150 sheets
Paper tray 1 input capacity	50 sheets
Paper tray 2 input capacity	250 sheets
Multi-Purpose tray	✔
Multi-Purpose tray input capacity	50 sheets
Maximum number of input trays	3
Maximum input capacity	850 sheets
Maximum output capacity	150 sheets

Paper handling

Maximum ISO A-series paper size *	A4
Maximum print size	212 x 352 mm
Paper tray media types *	Bond paper, Envelopes, Glossy paper, Labels, Letterhead, Photo paper, Plain paper, Postcard, Recycled paper, Rough paper
ISO A-series sizes (A0...A9) *	A4, A5, A6
ISO B-series sizes (B0...B9)	B5
ISO C-series sizes (C0...C9)	C5
Non-ISO print media sizes	Oficio, 16K
JIS B-series sizes (B0...B9)	B5, B6
Envelopes sizes	B5, C5, DL
Photo paper sizes	10x15 cm
Custom media width	76 - 216 mm
Custom media length	127 - 356 mm
Paper tray media weight	60 - 200 g/m²

Ports & interfaces

Standard interfaces	Ethernet, RJ-45, Wireless LAN
Direct printing *	✔
USB port	✔
USB 2.0 ports quantity	1

Network

Wi-Fi *	✘
Ethernet LAN *	✔
Cabling technology	10/100/1000Base-T(X)
Ethernet LAN data rates	10,100,1000 Mbit/s
Security algorithms	EAP-TLS, HTTPS, PEAP, SNMPv2, SNMPv3, SSL/TLS
Mobile printing technologies	Apple AirPrint, Google Cloud Print, HP ePrint, Mopria Print Service

Performance

Memory type	DRAM

System requirements

Windows operating systems supported	Windows 10, Windows 8, Windows 11, Windows 8.1, Windows 7
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

Operational conditions

Operating relative humidity (H-H)	10 - 80%
Storage temperature (T-T)	-20 - 40 °C
Operating temperature (T-T)	10 - 32.5 °C

Certificates

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

Sustainability

Sustainability compliance	✔
Sustainability certificates	Blue Angel, ENERGY STAR, EPEAT Silver
Sustainable technologies and materials	Mercury free
Doesn't contain	Mercury

Carbon footprint

Total carbon footprint (kg of CO2e)	150
Carbon emissions, manufacturing (kg of CO2e)	113
Carbon emissions, logistics (kg of CO2e)	5
Carbon emissions, end-of-life (kg of CO2e)	14
Total carbon emissions, w/o use phase (kg of CO2e)	21

Weight & dimensions

Width	412 mm
Depth	469 mm
Height	295 mm
Weight	18.9 kg

Packaging data

Package width	497 mm
Package depth	379 mm
Package height	583 mm
Package weight	22 kg

Packaging content

Cartridge(s) included	✔
Included cartridge capacity (black)	1200 pages
Cables included	AC, USB

Logistics data

Harmonized System (HS) code	8443321020
Pallet gross weight	548.9 kg

Technical details

Master (outer) cases per pallet layer 6 pc(s)

General Product Safety Regulation (GPSR) URL https://support.hp.com/gb-en/product/setup-user-guides/hp-color-laserjet-pro-m453-m454-series/model/19202531?sku=W1Y44A&serialnumber=W1Y44A ; https://h10032.www1.hp.com/ctg/Manual/c06225509.pdf

Other features

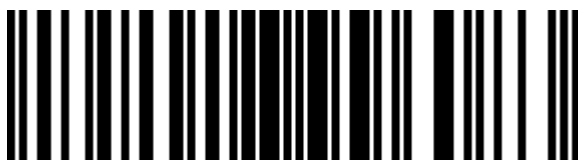|	
Network ready	✘
Recommended system requirements	2 GB available hard disk space, Internet connection, USB port, Internet browser.

Performance

Maximum internal memory	512 MB
Internal memory *	512 MB
Built-in processor	✔
Processor frequency	1200 MHz
Sound pressure level (printing)	48 dB
Sound power level (printing)	6.2 dB

Design

Product colour *	White
Market positioning *	Business
Built-in display *	✔

Other features

Acoustic power emissions (ready)	34 dB
Acoustic pressure emissions bystander (ready)	14 dB
Manufacturer warranty	One-year Bench/Depot Repair warranty. Warranty and support options vary by product, country and local legal requirements.

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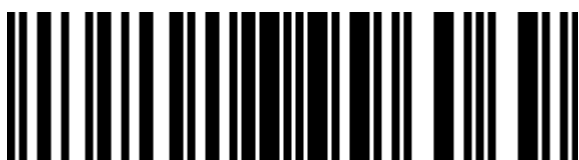
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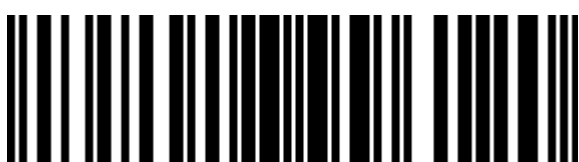
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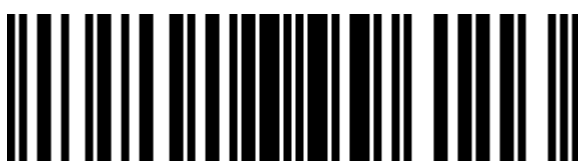
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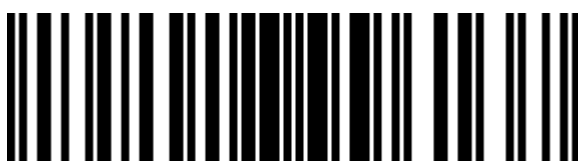
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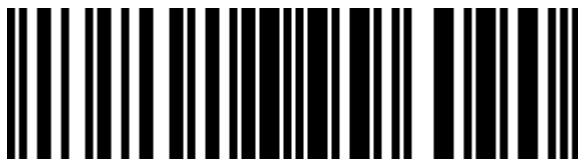
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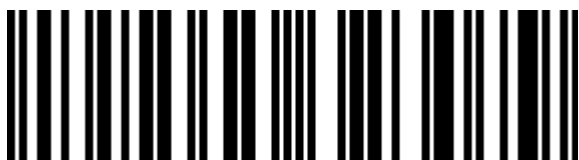
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