HP Color LaserJet Pro M454dw (W1Y45A)



Specifications

Display Description	2.7-in intuitive color touchscreen
Product Dimensions W x D x H (metric)	412 x 469 x 295 mm
Product Dimensions W x D x H (imperial)	16.2 x 18.5 x 11.6 in
Weight (metric)	18.9 kg
Weight (imperial)	41.7 lb
Package Weight (metric)	22.1 kg
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%), 50/60Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier)
Ecolabels (fixed)	CECP; Blue Angel; EPEAT® Silver registered; ENERGY STAR® certified[13]
Energy Star Certified	Yes
Security Management	Secure Boot; Secure Firmware Integrity; Runtime Code Integrity; password protected EWS; secure browsing via SSL/TLS 1.0; TLS 1.1; TLS 1.2; IPP over TLS; Network: enable/disable network ports and features; unused protocol and service disablement; SNMPv1; SNMPv2; and SNMPv3; community password change; HP ePrint: HTTPS with certificate validation; HTTP Basic Access Authentication; SASL authentication; Firewall and ACL; control panel lock; certificates configuration; UPD PIN printing; Syslog; signed firmware; administrator settings; 802.1x authentication (EAP-TLS, and PEAP); authentication via WEP; WPA/WPA2 Personal; WPA2-enterprise; encryption via AES or TKIP; Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage; Compatible with optional HP JetAdvantage Security Manager; IPPS
UPC Number	(AB0) 192545323093; (AB2) 192018996144; (ABT) 192545638548; (ABY) 192545638562; (AC4) 193808440892; (AC8) 192018996168; (ACJ) 192545323109; (ACQ) 192545638579; (AKV) 192018996175; (B19) 192545638555; (BAZ) 192545638586; (BBU) 192545323116; (BGJ) 192018996182; (BGM) 192545323123
What Is In The Box	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 http://www.hp.com/support; Power cord; USB cable.

Additional specifications

Acoustic Power Emissions (active, printing)	6.2 B(A)
Acoustic Power Emissions (ready)	3.4B(A)
Acoustic Pressure Emissions Bystander (active, printing)	48 dB(A)
Acoustic Pressure Emissions Bystander (ready)	14 dB(A)
Business Filter	cMPS
Color or Black (filter)	Color
Component Type	Printer
Connection Type	Wireless
Connectivity, Std	1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE); 802.11b/g/n/2.4/5 GHZ Wi-Fi radio
Control Panel	2.7 inch intuitive color touchscreen; 3 Buttons (Home, Help, Back)
Display Area (imperial)	2.12 in x 1.59 in
Display Area (metric)	54mm x 40.5mm
Duplex Print Options	Automatic (default)
Dynamic security	Dynamic security enabled printer
Engine life	100000
In Box Cable	Yes, 1 USB cable
Max Dimensions W x D x H (imperial)	16.2 x 25.6 x 13.4 in
Max Dimensions W x D x H (metric)	412 x 649 x 340 mm
Maximum Memory	512 MB NAND Flash, 512 MB DRAM
Media Weights Supported, By Paper Path (Imperial)	Tray 1: 16 to 47 lb bond (up to 52 lb with HP Color laser glossy photo papers); Tray 2: 16 to 43 lb bond (up to 47 lb with postcards, up to 52 lb with HP Color laser glossy photo papers); optional Tray 3: 16 to 43 lb bond (up to 47 lb with postcards, up to 40 lb with HP Color laser glossy photo papers); Automatic duplexer: 16 to 43 lb
Media Weights Supported, By Paper Path (metric)	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 Color 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
Model Number	M454dw
Package Weight (imperial)	48.7 lb
Page Yield (set-up/inbox cartridges)	~1200 pages black, cyan, yellow and magenta

Pallet Weight (imperial)	1213.9 lb (NA), 921.7 lb (EMEA/APJ)
Pallet Weight (metric)	550.6 kg (NA), 418.1 (EMEA/APJ)
Plug and Play Technologies	Auto Wireless Connect; HP Smart Install
Print Languages, Standard	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster
Printer Black Pages (MPV Black)	175
Printer Color Pages (MPV Color)	325
Printer Smart Software Features	Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, Wi-Fi Direct Printing, HP ePrint, HP Auto-On/Auto-Off Technology, Bluetooth® Low-Energy, Job Storage with PIN printing, N-up printing, collation
Product Long Name Specifications	HP Color LaserJet Pro M454dw, Business, Front-facing USB printing; Two-sided printing
Product Short Name Specifications	HP LaserJet Pro M454dw Wireless Color Printer, Duplex
RMN Number	BOISB-1810-01
Recommended Media Weight (duplex, imperial)	16 to 43 lb bond
Recommended Media Weight (duplex, metric)	60 to 163 g/m²
Standard Media Sizes (duplex, Imperial)	Letter; Legal; Executive; Oficio (8.5 x 13 in)
Standard Media Sizes (duplex, metric)	A4; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); B5; Oficio
Standard Media Sizes Supported (imperial)	Tray 1, Tray 2: Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in, envelopes (No 10, Monarch); Optional Tray 3: Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in; Automatic duplexer: Letter, legal, executive, Oficio (8.5 x 13 in)
Standard Media Sizes Supported (metric)	Tray 1, Tray 2: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); postcards (JIS single, JIS double); envelopes (DL, C5, B5); Optional Tray 3: A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); postcards (JIS single, JIS double); Automatic duplexer: A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273 mm); Oficio (216 x 340 mm)
Standard Memory	512 MB NAND Flash, 512 MB DRAM
Storage Device and Direct Print Support	Wi-Fi Direct; Optional job storage via external rear host USB port (Minimum 16GB)
Tariff Numbers	8443321020
Top Key Features	Front-facing USB printing; Two-sided printing
Typical Electricity Consumption (TEC) number	1.046 kWh/Week (Blue Angel); 0.394 kWh/Week (Energy Star 3.0)
UNSPSC Code	43212105
Wireless Capability	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

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

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Color Laser Toner Printer Cartridges

HP W2040XC High Yield Black Contract Original LaserJet Toner Cartridge	**W2040XC ★**
HP W2041XC High Yield Cyan Contract Original LaserJet Toner Cartridge	**W2041XC ★**
HP W2042XC High Yield Yellow Contract Original LaserJet Toner Cartridge	**W2042XC ★**
HP W2043XC High Yield Magenta Contract Original LaserJet Toner Cartridge	**W2043XC ★**

HP Business Papers

HP Business Papers for laser

HP Enhanced Business Paper Glossy 150 g/m2 A4 (210 x 297 mm) 150 sheets	CG965A
HP Everyday Business Paper Glossy 32 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN08A
HP Professional Business Paper Glossy 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV83A
HP Professional Business Paper Glossy 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN10A
HP Professional Business Paper Matte 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV80A
HP Professional Business Paper Matte 52 lb 8.5 x 11 in. (216 x 279 mm) 150 sheets	4WN05A

HP Paper for Multiple Uses

HP Recycled Paper

HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	4WN07A

Accessories

Network Print Servers

★ : Recommended

External Print Servers

HP Jetdirect 3000w NFC/Wireless Accessory	**J8030A** ★

Paper Handling

Input Trays

HP LaserJet 550-sheet Feeder Tray	**CF404A** ★
HP PageWide 3x550 sheet Paper Tray/Stand	**9UW02A** ★
HP PageWide 4K Sheet HC Paper Tray/Stand	**9UW03A** ★
HP PageWide 550 sheet Paper Tray/Stand	**9UW01A** ★
HP PageWide 550-sheet Paper Tray	**A7W99A** ★

Services

Document & Printing

★ : Recommended

Print Management Software Solutions - Security

HP USB Universal Card Reader	**X3D03A ★**

Support Services (for Document & Printing)

HP 1 year Post Warranty Next Business Day Service for Color LaserJet Pro M454	UB9V3PE
HP 1 year Post Warranty Return to Depot Service for Color LaserJet Pro M454	UB9V6PE
HP 3 year Next Business Day Service for Color LaserJet Pro M454	UB9U7E
HP 3 year Return to Depot Service for Color LaserJet Pro M454	UB9V2E
HP 4 year Next Business Day Service for Color LaserJet Pro M454	UB9U8E
HP 5 year Next Business Day Service for Color LaserJet Pro M454	UB9U9E
HP Installation Service with network configuration for Personal Scanner and Printer (1 unit)	U9JT1E