

 **HP Color LaserJet Pro M454dw (W1Y45A)**



## Specifications

<b>Duplex Print Options</b>	Automatic (default)
<b>Printer Smart Software Features</b>	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
<b>Connectivity, Std</b>	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
<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>Energy Star Certified</b>	Yes
<b>Ecolabels (fixed)</b>	CECP; Blue Angel; EPEAT® Silver registered; ENERGY STAR® certified <sup>[13]</sup>
<b>Display Area (imperial)</b>	2.12 in x 1.59 in
<b>Display Area (metric)</b>	54mm x 40.5mm
<b>Display Description</b>	2.7-in intuitive color touchscreen
<b>Product Dimensions (metric)</b>	412 x 469 x 295 mm
<b>Product Dimensions (imperial)</b>	16.2 x 18.5 x 11.6 in
<b>Weight (metric)</b>	18.9 kg
<b>Weight (imperial)</b>	41.7 lb
<b>What Is 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.

## Additional specifications

<b>Acoustic Power Emissions (active, printing)</b>	6.2 B(A)
<b>Acoustic Power Emissions (ready)</b>	3.4B(A)
<b>Acoustic Pressure Emissions Bystander (active, printing)</b>	48 dB(A)
<b>Acoustic Pressure Emissions Bystander (ready)</b>	14 dB(A)
<b>Business Filter</b>	cMPS
<b>Color or Black (filter)</b>	Color
<b>Component Type</b>	Printer
<b>Connection Type</b>	Wireless
<b>Control Panel</b>	2.7 inch intuitive color touchscreen; 3 Buttons (Home, Help, Back)
<b>Dynamic security</b>	Dynamic security enabled printer
<b>Engine life</b>	100000
<b>In Box Cable</b>	Yes, 1 USB cable
<b>Max Dimensions (imperial)</b>	16.2 x 25.6 x 13.4 in
<b>Max Dimensions (metric)</b>	412 x 649 x 340 mm
<b>Maximum Memory</b>	512 MB NAND Flash, 512 MB DRAM
<b>Media Weights Supported, By Paper Path (Imperial)</b>	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
<b>Media Weights Supported, By Paper Path (metric)</b>	Tray 1: 60 to 176 g/m <sup>2</sup> (up to 200 g/m <sup>2</sup> with postcards and HP Color laser glossy photo papers); Tray 2: 60 to 163 g/m <sup>2</sup> (up to 176 g/m <sup>2</sup> with postcards, up to 200 g/m <sup>2</sup> HP Color laser glossy photo papers); optional Tray 3: 60 to 163 g/m <sup>2</sup> (up to 176 g/m <sup>2</sup> with postcards, up to 150 g/m <sup>2</sup> Glossy media); Automatic duplexer: 60 to 163 g/m <sup>2</sup>
<b>Model Number</b>	M454dw
<b>Package Weight (imperial)</b>	48.7 lb
<b>Package Weight (metric)</b>	22.1 kg
<b>Page Yield (set-up/inbox cartridges)</b>	~1200 pages black, cyan, yellow and magenta
<b>Pallet Weight (imperial)</b>	1213.9 lb (NA), 921.7 lb (EMEA/APJ)
<b>Pallet Weight (metric)</b>	550.6 kg (NA), 418.1 (EMEA/APJ)
<b>Plug and Play Technologies</b>	Auto Wireless Connect; HP Smart Install

<b>Power Supply Required</b>	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)
<b>Print Languages, Standard</b>	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster
<b>Printer Black Pages (MPV Black)</b>	175
<b>Printer Color Pages (MPV Color)</b>	325
<b>Product Long Name Specifications</b>	HP Color LaserJet Pro M454dw, Business, Front-facing USB printing; Two-sided printing
<b>Product Short Name Specifications</b>	HP LaserJet Pro M454dw Wireless Color Printer, Duplex
<b>RMN Number</b>	BOISB-1810-01
<b>Recommended Media Weight (duplex, imperial)</b>	16 to 43 lb bond
<b>Recommended Media Weight (duplex, metric)</b>	60 to 163 g/m <sup>2</sup>
<b>Security Management</b>	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
<b>Standard Media Sizes (duplex, Imperial)</b>	Letter; Legal; Executive; Oficio (8.5 x 13 in)
<b>Standard Media Sizes (duplex, metric)</b>	A4; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); B5; Oficio
<b>Standard Media Sizes Supported (imperial)</b>	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)
<b>Standard Media Sizes Supported (metric)</b>	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)
<b>Standard Memory</b>	512 MB NAND Flash, 512 MB DRAM
<b>Storage Device and Direct Print Support</b>	Wi-Fi Direct; Optional job storage via external rear host USB port (Minimum 16GB)
<b>Tariff Numbers</b>	8443321020

<b>Technology</b>	Laser
<b>Top Key Features</b>	Front-facing USB printing; Two-sided printing
<b>Typical Electricity Consumption (TEC) number</b>	1.046 kWh/Week (Blue Angel); 0.394 kWh/Week (Energy Star 3.0)
<b>UNSPSC Code</b>	43212105
<b>UPC Number</b>	(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

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

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## 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	<b>W2040XC ★</b>
HP W2041XC High Yield Cyan Contract Original LaserJet Toner Cartridge	<b>W2041XC ★</b>
HP W2042XC High Yield Yellow Contract Original LaserJet Toner Cartridge	<b>W2042XC ★</b>
HP W2043XC High Yield Magenta Contract Original LaserJet Toner Cartridge	<b>W2043XC ★</b>

### 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 Home & Office Papers

#### HP Home & Office Papers for laser and inkjet

HP MultiPurpose20TM 20 lb 11 x 17 in. (279 x 432 mm) 250 sheets	HPM1720P
HP MultiPurpose20TM 20 lb 8.5 x 11 in. (216 x 279 mm) 500 sheets	HPM1120R
HP MultiPurpose20TM 20 lb 8.5 x 14 in. (216 x 356 mm) 500 sheets	HPM1420P

### HP Paper for Multiple Uses

#### HP Recycled Paper

HP Multipurpose Recycled Paper-500 sht/Letter/8.5 x 11 in	4WN07A
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### HP Paper Designed for Inkjet Printers

#### HP Inkjet Photo Paper

HP Professional Business Paper Glossy 48 lb 8.5 x 11 in. (216 x 279 mm) 50 sheets

6MF93A

## 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 Next Business Day w/Defective Media Retention Service for PageWide P75050 Managed

U9LK9E

HP 1 year Parts Exchange Service for PageWide P75050 Managed

U9LL6E

HP 1 year Post Warranty 4 hour 9x5 w/Defective Media Retention Service for PageWide P75050 Managed

U9LM2PE

HP 1 year Post Warranty Next Business Day Service for Color LaserJet Pro M454

UB9V3PE

HP 1 year Post Warranty Parts Exchange Service for Page Wide P75050 Managed

U9LM4PE

HP 1 year Post Warranty Return to Depot Service for Color LaserJet Pro M454

UB9V6PE

HP 1 year Post Wty Next Business Day w/Defective Media Retention Service for PageWide P75050 Managed

U9LMOPE

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

## Solutions

### HP Document and Workflow Solutions Overview

★ : Recommended

#### HP Document and Workflow Solutions Mobile Printing

HP Roam for Business

HPROAM

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