



HP Color LaserJet Pro M454dw (W1Y45A)



Overview

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.

Sustainability is smart business

Avoid frustrating reprints, wasted supplies, and service calls using Original HP toner cartridges.

Features

Enhanced workflows

Wi-Fi-Dual band

Enhanced security

Bluetooth® Low-Energy for HP Roam for Business

New user interface

Energy efficient

[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. For more information: <http://www.hp.com/go/printersecurityclaims>

Specifications

Print Resolution Technologies	HP ImageREt 3600, PANTONE® calibrated
Print quality black (best)	600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi
Print quality color (best)	600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi
Print speed black (ISO, A4)	Up to 27 ppm
Print speed black (ISO, letter)	Up to 28 ppm
Print Speed Color (ISO)	Up to 27 ppm
Print speed color (ISO)	Up to 28 ppm
Print speed	Print speed up to 28 ppm (black) and 28 ppm (color)
Functions	Print
Duplex printing	Automatic (default)
Duty cycle (monthly, A4)	Up to 50,000 pages
Duty cycle (monthly, letter)	Up to 50,000 pages ^[9]
Printer smart software features	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
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Replacement cartridges	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 ^[4]

Supplies feature	HP JetIntelligence Cartridge
Connectivity, standard	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
Network capabilities	Yes, via built-in 10/100/1000Base-Tx Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1x
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
Mobile printing capability	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
Network protocols, supported	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
Software included	No software solutions are included in the Box, only on http://hp.com , http://123.hp.com/laserjet
Compatible Operating Systems	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 http://support.hp.com , 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 http://www.hp.com/go/upd
Environmental	Mercury free
Energy star certified	Yes
Energy efficiency	ENERGY STAR® qualified; EPEAT® Silver; CECP ^[13]
Blue Angel compliant	Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies
Display area (imperial)	2.12 in x 1.59 in
Display area (metric)	54mm x 40.5mm
Display	2.7-in intuitive color touchscreen
Minimum dimensions (W x D x H)	412 x 469 x 295 mm
Minimum dimensions (W x D x H)	16.2 x 18.5 x 11.6 in
Weight	18.9 kg
Weight	41.7 lb
Power consumption	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) [2]

Power supply type

Internal (built-in) Power Supply

What's 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.^[1]

Services (Care Pack)

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

Warranty

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 hp.com/support to learn about HP award winning service and support options in your region. (wty code 4E; wty ID A033)

Additional specifications

Accessories	HP LaserJet 550-sheet Paper Feeder CF404A; HP v222w 16GB Mini USB Drive POR81AA
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)
Automatic paper sensor	No
Bottom margin (A4)	4.23 mm
Cable included	Yes, 1 USB cable
Compatible Network Operating Systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Failover Cluster 2008 R2, Failover Cluster 2012 R2, Terminal server 2008 R2, Remote Desktop server 2012 R2, Citrix Server 6.5, Citrix xenApp & xenDesktop 7.6, Novell iPrint server, Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://citrixready.citrix.com , Linux- For more information see http://developers.hp.com/hp-linux-imaging-and-printing , Unix- For more information see http://hp.com/go/unixmodelscripts , UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating systems please see http://hp.com/go/upd
Control panel	2.7 inch intuitive color touchscreen; 3 Buttons (Home, Help, Back)
Count of cartons per pallet layer	6
Count of layers in pallet	4 (NA/APJ), 3 (EMEA)
Country of origin	Made in Vietnam
Downloadable software	From http://123.hp.com/laserjet ; HP Easy Start (Guided Software Install for Windows and Mac); From http://hp.com for Windows OS; Fullsolution software and drivers; Basicsolution software and drivers; HP PCL6 xPS Discrete Print Driver; Product Documentation and Support; From http://hp.com for Mac OS; HP Easy Start (Guided Software Install); HP Mac PS Print Driver; HP Easy Admin; For Mobile OS; iOS For more information see http://hp.com/go/businessmobileprinting ; Android For more information see http://hp.com/go/businessmobileprinting ; From http://hp.com for printer administrators; Printer Administrator Resource Kit (Driver Configuration Utility Driver Deployment Utility Managed Printing Administrator); HP Universal Print Drivers PCL6 GDI & PS GDI for Windows; HP ePrint Software (Mobile Driver for Windows); SAP Print Drivers for more information see http://support.hp.com/usen/document/c05051702 ; HP Web JetAdmin; HP JetAdvantage Security Manager; HP Roam; HPLIP Linux Printer Driver for more information see http://hplipopensource.com/hplipweb/index.html ; Unix Model Script Printer Driver for more information see http://hp.com/go/unixmodelscripts ; ReadIris

Driver updates	Software driver and Hardware Firmware is located at http://www.hp.com/support/colorljet454
Duty cycle note	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.
Electromagnetic compatibility	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
Envelope Feeder	No
FCC Class A emissions	FCC Class A emissions - for use in commercial environments, not residential environments
First page out black (A4, ready)	As fast as 9.5 sec
First page out black (A4, sleep)	As fast as 11.0 sec
First page out black (letter, ready)	As fast as 9.3 sec
First page out black (letter, sleep)	As fast as 10.9 sec
First page out color (A4, ready)	As fast as 11.1 sec
First page out color (A4, sleep)	As fast as 12.1 sec
First page out color (letter, ready)	As fast as 11.1 sec
First page out color (letter, sleep)	As fast as 12.0 sec
Fonts and typefaces	84 scalable TrueType fonts
Input capacity	Up to 300 sheets
Left margin (A4)	4.23 mm
Mac compatible	Yes
Maximum Memory	512 MB NAND Flash, 512 MB DRAM
Maximum dimensions (W x D x H)	16.2 x 25.6 x 13.4 in
Maximum dimensions (W x D x H)	412 x 649 x 340 mm
Maximum input capacity (sheets)	Up to 850 sheets (with Optional 550-sheet tray)
Maximum output capacity (sheets)	Up to 150 sheets
Media size, tray 1	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)

Media size, 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)
Media size, 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)
Media sizes supported	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)
Media sizes supported	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)
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional Tray 3: 100 x 148 to 216 x 356 mm
Media sizes, custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional Tray 3: 3.94 x 5.83 to 8.5 x 14 in
Media type and capacity, tray 1	Sheets: 50; envelopes: 5
Media type and capacity, tray 2	Sheets: 250; envelopes: 10
Media type and capacity, tray 3	Sheets: 550
Media types	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes
Media weight (tray 1)	Tray 1: 60 to 176 g/m ² (up to 200 g/m ² with postcards and HP Color laser glossy photo papers)
Media weight (tray 2)	60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 200 g/m ² HP Color laser glossy photo papers)
Media weight (tray 3)	Optional Tray 3: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 150 g/m ² Glossy media)
Media weight, supported	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 weight, supported	Tray 1: 60 to 176 g/m ² (up to 200 g/m ² with postcards and HP Color laser glossy photo papers); Tray 2: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 200 g/m ² HP Color laser glossy photo papers); optional Tray 3: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 150 g/m ² Glossy media); Automatic duplexer: 60 to 163 g/m ²
Memory	512 MB NAND Flash, 512 MB DRAM
Minimum System Requirements	2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com

Minimum System Requirements for Macintosh	2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Number of users	3-10 Users
Operating humidity range	10 to 80% RH (non-condensing)
Operating temperature range	10 to 32.5°C
Operating temperature range	50 to 90.5°F
Output capacity	Up to 150 sheets
Package dimensions (W x D x H)	497 x 379 x 583 mm
Package dimensions (W x D x H)	19.57 x 14.92 x 22.95 in
Package weight	22.1 kg
Package weight	48.7 lb
Page yield (set-up/inbox cartridges)	~1200 pages black, cyan, yellow and magenta
Pallet dimensions	47.24 x 39.37 x 97.76 in (AMS/APJ), 47.24 x 39.37 x 74.8 in (EMEA)
Pallet dimensions (W x D x H)	1200 x 1000 x 2483 mm (NA/APJ), 1200 x 1000 x 1900 mm (EMEA)
Pallet weight	1213.9 lb (NA), 921.7 lb (EMEA/APJ)
Pallet weight	550.6 kg (NA), 418.1 (EMEA/APJ)
Paper handling input, optional	Optional 550-sheet tray
Paper handling input, standard	50-sheet multipurpose tray, 250-sheet input tray
Paper handling output, standard	150-sheet output bin
Paper trays, maximum	3
Paper trays, standard	2
Plug and play	Auto Wireless Connect; HP Smart Install
Power	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)
Print Technology	Laser
Print colors	Yes
Print languages	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster
Print quality black (normal)	600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi
Print resolution color (normal)	600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi
Print speed black (Landscape, A5)	Up to 49 ppm

Print speed black (Portrait, A5)	Up to 7 ppm
Print speed color (Landscape, A5)	Up to 49 ppm
Print speed color (Portrait, A5)	Up to 7 ppm
Print speed duplex (A4)	Up to 24 ipm
Print speed duplex (A4)	Up to 24 ipm
Print speed duplex (letter)	Up to 25 ipm
Print speed duplex (letter)	Up to 25 ipm
Print speed footnote (A5)	Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.
Print technology	Laser
Printer Management	HP Printer Assistant; HP Utility (Mac); HP Device Toolbox; HP Web JetAdmin Software; HP JetAdvantage Security Manager; HP SNMP Proxy Agent; HP WS Pro Proxy Agent; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)
Processor speed	1200 MHz
Quantity per pallet	24 (NA/APJ), 18 (EMEA)
RMN number	BOISB-1810-01
Recommended media weight (duplex)	16 to 43 lb bond
Recommended media weight (duplex)	60 to 163 g/m ²
Recommended monthly page volume	750 to 4000 ^[10]
Recommended operating humidity range	30 to 70% RH (non-condensing)
Recommended operating temperature range	59 to 80.6°F
Recommended operating temperature range	15 to 27°C
Right margin (A4)	4.23 mm
Safety	IEC 60950-1:2005 +A1:2009+A2:2013/EN 60950-1:2006 +A11:2009+A1:2010+A12:2011+A2:2013; IEC 60825-1:2014/EN 60825-1:2014 (Class 1 Laser/LED Product); IEC 62479: 2010/EN 62479: 2010

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
Standard input capacity (envelopes)	Up to 15
Standard media sizes (duplex)	A4; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); B5; Oficio
Standard media sizes (duplex, imperial)	Letter; Legal; Executive; Oficio (8.5 x 13 in)
Standard output capacity (envelopes)	Up to 20 envelopes
Storage device and direct print support	Wi-Fi Direct; Optional job storage via external rear host USB port (Minimum 16GB)
Storage temperature range	-20 to 40°C
Storage temperature range	-4 to 104°F
SureSupply supported	Yes
Target user and print volume	For teams up to 10 users; Prints up to 4,000 pages/month
Tariff numbers	8443321020
Top key features	Front-facing USB printing; Two-sided printing
Top margin (A4)	4.23 mm
Typical electricity consumption (TEC) footnote	BA TEC is equal to Best TEC. 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. Energy Star value typically based on measurement of 115 V device.
Typical electricity consumption (TEC) number	1.046 kWh/Week (Blue Angel); 0.394 kWh/Week (Energy Star 3.0) ^[3]
UNSPSC code	43212105
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
Warm-up time	As fast as 45 sec
Web address for additional information	http://h20564.www2.hp.com/hpsc/doc/public/display?docId=bpr01485&DocLang=en&docLocale=en_US&jumpid=reg_r1002_inen_c-001_title_r0002

[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.

[3] BA TEC is equal to Best TEC. 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. Energy Star value typically based on measurement of 115 V 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.

[10] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period

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

Accessories

Paper Handling

★ : Recommended

Input Trays

HP LaserJet 550-sheet Feeder Tray

CF404A ★

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Color Laser Toner Printer Cartridges

HP 414A Black Original LaserJet Toner Cartridge	W2020A
HP 414A Cyan Original LaserJet Toner Cartridge	W2021A
HP 414A Magenta Original LaserJet Toner Cartridge	W2023A
HP 414A Yellow Original LaserJet Toner Cartridge	W2022A
HP 414X High Yield Black Original LaserJet Toner Cartridge	W2020X
HP 414X High Yield Cyan Original LaserJet Toner Cartridge	W2021X
HP 414X High Yield Magenta Original LaserJet Toner Cartridge	W2023X
HP 414X High Yield Yellow Original LaserJet Toner Cartridge	W2022X
HP 415A Black Original LaserJet Toner Cartridge	W2030A
HP 415A Cyan Original LaserJet Toner Cartridge	W2031A
HP 415A Magenta Original LaserJet Toner Cartridge	W2033A
HP 415A Yellow Original LaserJet Toner Cartridge	W2032A
HP 415X High Yield Black Original LaserJet Toner Cartridge	W2030X
HP 415X High Yield Cyan Original LaserJet Toner Cartridge	W2031X
HP 415X High Yield Magenta Original LaserJet Toner Cartridge	W2033X
HP 415X High Yield Yellow Original LaserJet Toner Cartridge	W2032X
HP 416A Black Original LaserJet Toner Cartridge	W2040A
HP 416A Cyan Original LaserJet Toner Cartridge	W2041A
HP 416A Magenta Original LaserJet Toner Cartridge	W2043A
HP 416A Yellow Original LaserJet Toner Cartridge	W2042A
HP 416X High Yield Black Original LaserJet Toner Cartridge	W2040X
HP 416X High Yield Cyan Original LaserJet Toner Cartridge	W2041X
HP 416X High Yield Magenta Original LaserJet Toner Cartridge	W2043X
HP 416X High Yield Yellow Original LaserJet Toner Cartridge	W2042X

HP Paper Designed for Laser Printers

HP Laser Everyday Paper

HP Everyday Laser Glossy FSC Paper 120 gsm-150 sht/A3/297 x 420 mm	7MV81A
HP Everyday Laser Glossy FSC Paper 120 gsm-150 sht/A4/210 x 297 mm	7MV82A
HP Everyday Laser Glossy FSC Paper 120 gsm-150 sht/Letter 8.5 x 11 in	4WN08A

HP Everyday Laser Glossy FSC Paper 120 gsm-150 sht/Tabloid/11 x 17 in

4WN07A

HP Professional Laser Paper

HP Professional Glossy Laser Paper 120 gsm-250 sht/A3/297 x 420 mm

CG969A

HP Professional Glossy Laser Paper 150 gsm-150 sht/A4/210 x 297 mm

CG965A

HP Professional Laser Glossy FSC Paper 200 gsm-150 sht/A4/210 x 297 mm

7MV83A

HP Professional Laser Glossy FSC Paper 200 gsm-150 sht/Letter/8.5 x 11 in

4WN10A

HP Professional Laser Matte FSC Paper 200 gsm-150 sht/A4/210 x 297 mm

7MV80A

HP Professional Laser Matte FSC Paper 200 gsm-150 sht/Letter/8.5 x 11 in

4WN05A

JetAdvantage Printing Solutions

★ : Recommended

JetAdvantage Print Management

HP JetAdvantage Insights	HPJETADINSIGHTS
HP Universal Print Driver	HPUNIVPRNTDRV

JetAdvantage Printing Security

HP JetAdvantage Security Manager	HPJETADSECMGR
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JetAdvantage Mobile Printing

HP Roam for Business	HPROAM
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