

# HP Color LaserJet Pro M454dn (W1Y44A)



## 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

Enhanced security

Bluetooth® Low-Energy for HP Roam for Business

New user interface

Energy efficient

Compact design and footprint

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*[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](http://hp.com/go/PrintersThatProtect). For more information: <http://www.hp.com/go/printersecurityclaims>*

## Specifications

<b>Print Resolution Technologies</b>	HP ImageREt 3600, PANTONE® calibrated
<b>Print quality black (best)</b>	600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi
<b>Print quality color (best)</b>	600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi
<b>Print speed black (ISO, A4)</b>	Up to 27 ppm
<b>Print speed black (ISO, letter)</b>	Up to 28 ppm
<b>Print Speed Color (ISO)</b>	Up to 27 ppm
<b>Print speed color (ISO)</b>	Up to 28 ppm
<b>Print speed</b>	Print speed up to 28 ppm (black) and 28 ppm (color)
<b>Functions</b>	Print
<b>Duplex printing</b>	Automatic (default)
<b>Duty cycle (monthly, A4)</b>	Up to 50,000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 50,000 pages <sup>[9]</sup>
<b>Printer smart software features</b>	Apple AirPrint™, Mopria certified, Google Cloud Print 2.0, ROAM capable for easy printing, HP ePrint, HP Auto-On/Auto-Off Technology, Job Storage with PIN printing, N-up printing, collation
<b>Energy savings feature technology</b>	HP Auto-On/Auto-Off Technology; Instant-on Technology
<b>Replacement cartridges</b>	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 <sup>[4]</sup>

<b>Supplies feature</b>	HP JetIntelligence Cartridge
<b>Connectivity, standard</b>	1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Ethernet 10/100/1000BASE-T network; 802.3az(EEE)
<b>Network capabilities</b>	Yes, via built-in 10/100/1000Base-Tx Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1x
<b>Mobile printing capability</b>	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
<b>Network protocols, supported</b>	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
<b>Software included</b>	No software solutions are included in the Box, only on <a href="http://hp.com">http://hp.com</a> , <a href="http://123.hp.com/laserjet">http://123.hp.com/laserjet</a>
<b>Compatible Operating Systems</b>	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 <a href="http://support.hp.com">http://support.hp.com</a> , 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 <a href="http://www.hp.com/go/upd">http://www.hp.com/go/upd</a>
<b>Environmental</b>	Mercury free
<b>Energy star certified</b>	Yes
<b>Energy efficiency</b>	ENERGY STAR® qualified; EPEAT® Silver; CECP <sup>[13]</sup>
<b>Blue Angel compliant</b>	Yes, Blue Angel DE-UZ 205—only ensured when using Original HP supplies
<b>Display area (imperial)</b>	1.77 x 0.47 in
<b>Display area (metric)</b>	44 x 12 mm
<b>Display</b>	2-line backlit LCD graphic display
<b>Minimum dimensions (W x D x H)</b>	412 x 469 x 295 mm
<b>Minimum dimensions (W x D x H)</b>	16.2 x 18.5 x 11.6 in
<b>Weight</b>	18.9 kg
<b>Weight</b>	41.7 lb
<b>Power consumption</b>	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]
<b>Power supply type</b>	Internal (built-in) Power Supply

**What's in the box**

HP Color LaserJet Pro M454dn; 4 preinstalled Introductory HP LaserJet Toner cartridges (Black, Cyan, Magenta, Yellow: ~ 1200 pages); In-box documentation (Getting Started Guide, Install Poster), regulatory flyer; Internet connection is required to set up the printer. HP printer software is available at <http://www.hp.com/support>; Power cord; USB cable (AP only)<sup>[1]</sup>

**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; UCOQ8E - HP 3y 4h 9x5 CLJ Pro M454 SVC; UCOQ9E - HP 4y 4h 9x5 CLJ Pro M454 SVC; UCOR0E - 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; UCOR1PE - 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](http://hp.com/support) to learn about HP award winning service and support options in your region. (wty code 4E; wty ID A033)

## Additional specifications

<b>Accessories</b>	HP LaserJet 550-sheet Paper Feeder CF404A; HP v222w 16GB Mini USB Drive POR81AA
<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>Automatic paper sensor</b>	No
<b>Bottom margin (A4)</b>	4.23 mm
<b>Cable included</b>	Yes, 1 USB cable (AP only); No, please purchase USB cable separately (Americas, EMEA)
<b>Compatible Network Operating Systems</b>	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 <a href="http://citrixready.citrix.com">http://citrixready.citrix.com</a> , Linux- For more information see <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a> , Unix- For more information see <a href="http://hp.com/go/unixmodelscripts">http://hp.com/go/unixmodelscripts</a> , UPD PCL6 / PS Printer Drivers, Supported for Compatible Network Operating systems please see <a href="http://hp.com/go/upd">http://hp.com/go/upd</a>
<b>Control panel</b>	2-line backlit LCD graphic display; 5 buttons (Cancel, Select, Reverse, Right/Left arrows); LED indicator lights (Attention, Ready)
<b>Count of cartons per pallet layer</b>	6
<b>Count of layers in pallet</b>	4 (NA/APJ), 3 (EMEA)
<b>Country of origin</b>	Made in Vietnam; Made in Japan (W1Y44A#201)
<b>Downloadable software</b>	From <a href="http://123.hp.com/laserjet">http://123.hp.com/laserjet</a> ; HP Easy Start (Guided Software Install for Windows and Mac); From <a href="http://hp.com">http://hp.com</a> for Windows OS; Fullsolution software and drivers; Basicsolution software and drivers; HP PCL6 xPS Discrete Print Driver; Product Documentation and Support; From <a href="http://hp.com">http://hp.com</a> 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 <a href="http://hp.com/go/businessmobileprinting">http://hp.com/go/businessmobileprinting</a> ; Android For more information see <a href="http://hp.com/go/businessmobileprinting">http://hp.com/go/businessmobileprinting</a> ; From <a href="http://hp.com">http://hp.com</a> 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 <a href="http://support.hp.com/usen/document/c05051702">http://support.hp.com/usen/document/c05051702</a> ; HP Web JetAdmin; HP JetAdvantage Security Manager; HP Roam; HPLIP Linux Printer Driver for more information see <a href="http://hplipopensource.com/hplipweb/index.html">http://hplipopensource.com/hplipweb/index.html</a> ; Unix Model Script Printer Driver for more information see <a href="http://hp.com/go/unixmodelscripts">http://hp.com/go/unixmodelscripts</a> ; ReadIris

<b>Driver updates</b>	Software driver and Hardware Firmware is located at <a href="http://www.hp.com/support/colorljet454">http://www.hp.com/support/colorljet454</a>
<b>Duty cycle note</b>	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.
<b>Electromagnetic compatibility</b>	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
<b>Envelope Feeder</b>	No
<b>FCC Class A emissions</b>	FCC Class A emissions - for use in commercial environments, not residential environments
<b>First page out black (A4, ready)</b>	As fast as 9.5 sec
<b>First page out black (A4, sleep)</b>	As fast as 11.0 sec
<b>First page out black (letter, ready)</b>	As fast as 9.3 sec
<b>First page out black (letter, sleep)</b>	As fast as 10.9 sec
<b>First page out color (A4, ready)</b>	As fast as 11.1 sec
<b>First page out color (A4, sleep)</b>	As fast as 12.1 sec
<b>First page out color (letter, ready)</b>	As fast as 11.1 sec
<b>First page out color (letter, sleep)</b>	As fast as 12.0 sec
<b>Fonts and typefaces</b>	84 scalable TrueType fonts
<b>Input capacity</b>	Up to 300 sheets
<b>Left margin (A4)</b>	4.23 mm
<b>Mac compatible</b>	Yes
<b>Maximum Memory</b>	256 MB NAND Flash, 512 MB DRAM
<b>Maximum dimensions (W x D x H)</b>	16.2 x 25.6 x 11.6 in
<b>Maximum dimensions (W x D x H)</b>	412 x 649 x 295 mm
<b>Maximum input capacity (sheets)</b>	Up to 850 sheets (with Optional 550-sheet tray)
<b>Maximum output capacity (sheets)</b>	Up to 150 sheets
<b>Media size, tray 1</b>	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)

<b>Media size, tray 2</b>	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)
<b>Media size, tray 3</b>	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)
<b>Media sizes supported</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>Media sizes supported</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>Media sizes supported, key</b>	10 x 15 cm; A4; Envelopes
<b>Media sizes supported, key</b>	4 x 6 in; Letter; Legal; Envelopes
<b>Media sizes, custom</b>	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
<b>Media sizes, custom</b>	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional Tray 3: 100 x 148 to 216 x 356 mm
<b>Media type and capacity, tray 1</b>	Sheets: 50; envelopes: 5
<b>Media type and capacity, tray 2</b>	Sheets: 250; envelopes: 10
<b>Media type and capacity, tray 3</b>	Sheets: 550
<b>Media types</b>	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes
<b>Media weight (tray 1)</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)
<b>Media weight (tray 2)</b>	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)
<b>Media weight (tray 3)</b>	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)
<b>Media weight, supported</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>Media weight, supported</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>Memory</b>	256 MB NAND Flash, 512 MB DRAM
<b>Minimum System Requirements</b>	2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements see microsoft.com



<b>Minimum System Requirements for Macintosh</b>	2 GB available hard drive space, Internet connection or USB port, OS hardware requirements see apple.com
<b>Number of print cartridges</b>	4 (1 each black, cyan, magenta, yellow)
<b>Number of users</b>	3-10 Users
<b>Operating humidity range</b>	10 to 80% RH (non-condensing)
<b>Operating temperature range</b>	10 to 32.5°C
<b>Operating temperature range</b>	50 to 90.5°F
<b>Output capacity</b>	Up to 150 sheets
<b>Package dimensions (W x D x H)</b>	19.57 x 14.92 x 22.95 in
<b>Package dimensions (W x D x H)</b>	497 x 379 x 583 mm
<b>Package weight</b>	22.0 kg
<b>Package weight</b>	48.5 lb
<b>Page yield (set-up/inbox cartridges)</b>	~1200 pages black, cyan, yellow and magenta
<b>Pallet dimensions</b>	47.24 x 39.37 x 97.76 in (AMS/APJ), 47.24 x 39.37 x 74.8 in (EMEA)
<b>Pallet dimensions (W x D x H)</b>	1200 x 1000 x 2483 mm (NA/APJ), 1200 x 1000 x 1900 mm (EMEA)
<b>Pallet weight</b>	548.9 kg (NA), 416.8 kg (EMEA/APJ)
<b>Pallet weight</b>	1210.2 lb (NA), 918.9 lb (EMEA/APJ)
<b>Paper handling input, optional</b>	Optional 550-sheet tray
<b>Paper handling input, standard</b>	50-sheet multipurpose tray, 250-sheet input tray
<b>Paper handling output, standard</b>	150-sheet output bin
<b>Paper trays, maximum</b>	3
<b>Paper trays, standard</b>	2
<b>Power</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 Technology</b>	Laser
<b>Print colors</b>	Yes
<b>Print languages</b>	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF, URF, PWG Raster
<b>Print quality black (normal)</b>	600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi
<b>Print resolution color (normal)</b>	600 x 600 dpi, Up to 38, 400 x 600 enhanced dpi
<b>Print speed black (Landscape, A5)</b>	Up to 49 ppm
<b>Print speed black (Portrait, A5)</b>	Up to 7 ppm

<b>Print speed color (Landscape, A5)</b>	Up to 49 ppm
<b>Print speed color (Portrait, A5)</b>	Up to 7 ppm
<b>Print speed duplex (A4)</b>	Up to 24 ipm
<b>Print speed duplex (A4)</b>	Up to 24 ipm
<b>Print speed duplex (letter)</b>	Up to 25 ipm
<b>Print speed duplex (letter)</b>	Up to 25 ipm
<b>Print speed footnote (A5)</b>	Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.
<b>Print technology</b>	Laser
<b>Printer Management</b>	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)
<b>Processor speed</b>	1200 MHz
<b>Quantity per pallet</b>	24 (NA/APJ), 18 (EMEA)
<b>RMN number</b>	BOISB-1810-00
<b>Recommended media weight (duplex)</b>	60 to 163 g/m <sup>2</sup>
<b>Recommended media weight (duplex)</b>	16 to 43 lb bond
<b>Recommended monthly page volume</b>	750 to 4000 <sup>[10]</sup>
<b>Recommended operating humidity range</b>	30 to 70% RH (non-condensing)
<b>Recommended operating temperature range</b>	59 to 80.6°F
<b>Recommended operating temperature range</b>	15 to 27°C
<b>Right margin (A4)</b>	4.23 mm
<b>Safety</b>	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
<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); Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage, Compatible with optional HP JetAdvantage Security Manager

<b>Standard input capacity (envelopes)</b>	Up to 15
<b>Standard media sizes (duplex)</b>	A4; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); B5; Oficio
<b>Standard media sizes (duplex, imperial)</b>	Letter; Legal; Executive; Oficio (8.5 x 13 in)
<b>Standard output capacity (envelopes)</b>	Up to 20 envelopes
<b>Storage device and direct print support</b>	Optional job storage via external rear host USB port (Minimum 16GB)
<b>Storage temperature range</b>	-20 to 40°C
<b>Storage temperature range</b>	-4 to 104°F
<b>SureSupply supported</b>	Yes
<b>Target user and print volume</b>	For teams up to 10 users; Prints up to 4,000 pages/month
<b>Tariff numbers</b>	8443321020
<b>Top key features</b>	Two-sided printing
<b>Top margin (A4)</b>	4.23 mm
<b>Typical electricity consumption (TEC) footnote</b>	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.
<b>Typical electricity consumption (TEC) number</b>	1.046 kWh/Week (Blue Angel); 0.394 kWh/Week (Energy Star 3.0) <sup>[3]</sup>
<b>UNSPSC code</b>	43212105
<b>UPC number</b>	(201) 192018996120; (AB0) 192545323055; (AB2) 192018996069; (ABT) 192018996076; (ABY) 192018996083; (ACJ) 192545323062; (ACQ) 192018996090; (B19) 192018996106; (BAZ) 192018996113; (BBU) 192545323079; (BGJ) 192018996137; (BGM) 192545323086
<b>Warm-up time</b>	As fast as 45 sec
<b>Web address for additional information</b>	<a href="http://h20564.www2.hp.com/hpsc/doc/public/display?docId=bpr01485&amp;DocLang=en&amp;docLocale=en_US&amp;jumpid=reg_r1002_inen_c-001_title_r0002">http://h20564.www2.hp.com/hpsc/doc/public/display?docId=bpr01485&amp;DocLang=en&amp;docLocale=en_US&amp;jumpid=reg_r1002_inen_c-001_title_r0002</a>

[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.*

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## 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

## JetAdvantage Mobile Printing

HP Roam for Business

HPROAM

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