HP Color LaserJet Pro M454 series



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.



HP Color LaserJet Pro M454nw



HP Color LaserJet Pro M454dn



HP Color LaserJet Pro M454dw

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.
- Grab pages and go—without waiting. This device wakes up and prints first page out fast.¹
- Print wirelessly with or without accessing the network with dual band Wi-Fi and Wi-Fi direct.^{2,3,4}
- ROAM compatible for easy printing from virtually anywhere⁵

Best -in-class security ⁶

- A suite of embedded security features help protect your printer from being an entry point for attacks.⁶
- Help secure confidential information with optional PIN/Pull printing to retrieve print jobs.⁷
- Optional HP JetAdvantage Security Manager lets you set configuration policies and validate settings.⁸
- Thwart potential attacks and take immediate action with instant notification of security issues.¹¹

Simply designed to uncomplicate your day

- Set up this printer fast and easily manage device settings to help increase overall printing efficiency.
- Make the most of your office space with a printer that conveniently fits into your work style.
- Work without delays or messes, with cartridges featuring auto seal removal.
- Tackle tasks quickly and easily—with the simple 2.7" (6.8cm) color touchscreen.

Sustainability is smart business

- Avoid frustrating reprints, wasted supplies, and service calls using Original HP toner cartridges.
- Help save paper right out of the box. The duplex print setting is set at default paper savings mode.⁹
- Saves up to 11% energy over prior products.¹⁰
- Help save energy with HP Auto-on/Auto-off technology. ¹²

Product walkaround



HP Color LaserJet Pro M454dw

Series at a glance

Model (product number)	M454nw (W1Y43A)	M454dn (W1Y44A)	M454dw (W1Y45A)		
Functions	Print	Print	Print		
Print speed (black and colour) ⁶	Up to 27 pages per minute (A4) <i>(all models)</i>				
Two-sided printing ⁵	Manual	Automatic	Automatic		
50-sheet multipurpose tray 1, 250-sheet tray 2	✓	\checkmark	\checkmark		
Optional input accessory: 550-sheet paper tray	\checkmark	\checkmark	\checkmark		
Easy-access USB port ¹	Not available	Not available	\checkmark		
Control panel ³	2-line LCD	2-line LCD	6.9 cm (2.7-inch) colour touchscreen		
Input capacity (standard/maximum ⁷)	Up to 300/850 sheets (all models)				
Recommended monthly page volume ⁸	Up to 4,000 pages (all models)				
Cartridge yields ⁹ (A/X)	Black: ~2,400/7.500 pages; Colour: ~2,100/6,000 pages <i>(all models)</i>				
Dual-band Wi-Fi with Bluetooth® Low Energy ⁴	\checkmark	Not available	\checkmark		

¹ An administrator must enable the easy-access USB port before use.
 ² Requires purchase of separate USB flash drive with at least 16 GB capacity.
 ³ The colour touchscreen is only available on the HP Color LaserJet Pro M454dw model. The nw and dn models have a 2-line LCD display.

⁴ Wrieless operations are compatible with 2.4 GHz and 5 GHz operations only. Wi-Fi is a registered trademark of Wi-Fi Alliance[®]. Bluetooth is a trademark owned by its proprietor and used by Hewlett-Packard Company under license. Learn more at hp.com/go/mobileprinting.
⁵ Automatic two-sided printing is not available on the HP Color LaserJet Pro M454nw model.

- ⁶ Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. ⁷ Purchase of optional paper-handling accessories required to reach maximum input capacity.
- ⁸ Recommended Monthly Page Volume (RMPV): HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended

⁹ Actual yields and costs vary considerably depending on images printed, number of colour pages printed, and other factors. Optional high-yield cartridges are not included in printer purchase and must be purchased separately.

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs.

Choose from:

Optimized Care (optimum performance and stability):

4 hour Onsite Support, Maintenance Kit Replacement Service, Installation with Network Configuration Service

Standard Care (high level of uptime):

Next Business Day Onsite Support, Maintenance Kit Replacement Service, Installation with Network **Configuration Service**

Basic Care (minimum recommended support): Next Business Day Onsite Support

4 hour Onsite Support:

Onsite support within four hours after a service call received within the coverage window

Next Business Day Onsite Support:

Onsite service the next business day after the service call is received

Maintenance Kit Replacement Service:

Onsite replacement of your printer's maintenance kit W W including parts, materials, and labor

Installation with Network Configuration Service:

Assembly, network configuration, and basic administrator familiarization. For more information about HP Care Pack, HP Contractual, or HP Managed Print Services, visit hp.com/go/printservices







HP Care Pac



Top features

Today's businesses are always on, and always connected. Choose a printer that can keep up with how you actually work, collaborate, and get things done.

HP Print Security isn't just about securing printers. It's about helping to secure your network with real-time threat detection, automated monitoring, and software validation—designed to detect and stop an attack as it happens.⁶

You have enough to worry about each day. It's easy to accomplish what you need—and exceed your own expectations—with a streamlined printer that's simple to use.

Business is all about resource management, and finding efficiencies is everyone's responsibility. HP LaserJet printers are designed with the environment in mind, so you can handle what you need while conserving energy wherever possible.

Product				
W1Y43A	HP Color Laser Jet Pro M454nw			
W1Y44A W1Y45A				
Accessories	5			
CF404A	HP LaserJet 550-sheet Feeder Tray			
POR81AA	HP v222w 16GB Mini USB Drive			
Supplies				
W2040A	HP 416A Black Original Laser Jet Toner Cartridge (2,400 pages)			
W2040X	HP 416X High Yield Black Original LaserJet Toner Cartridge (7,500 pages)			
W2041A	HP 416A Cyan Original Laser Jet Toner Cartridge (2,100 pages)			
W2041X	HP 416X High Yield Cyan Original Laser Jet Toner Cartridge (6,000 pages)			
W2042A	HP 416A Yellow Original LaserJet Toner Cartridge(2,100 pages)			
W2042X	HP 416X High Yield Yellow Original Laser Jet Toner Cartridge (6,000 pages)			
W2043A	HP 416A Magenta Original Laser Jet Toner Cartridge (2,100 pages)			
W2043X	HP 416X High Yield Magenta Original LaserJet Toner Cartridge (6,000 pages)			

HP Care Packs

ne care	Facts		
UB9U7E	HP 3 year Next Business Day Service for Color LaserJet Pro M454		
UB9U8E	HP 4 year Next Business Day Service for Color LaserJet Pro M454		
UB9U9E	HP 5 year Next Business Day Service for Color LaserJet Pro M454		
UC0Q8E	HP 3 year 4 hour 9x5 Service for Color LaserJet Pro M454		
UC0Q9E	HP 4 year 4 hour 9x5 Service for Color LaserJet Pro M454		
UCOROE	HP 5 year 4 hour 9x5 Service for Color LaserJet Pro M454		
UB9V0E	HP 3 year Next Business Day Exchange Service for Color Laser Jet Pro M454		
UB9V1E	HP 3 year Onsite Exchange Service for Color LaserJet Pro M454		
UB9V2E	HP 3 year Return to Depot Service for Color Laser Jet Pro M454		
UB9V3P	E HP 1 year Post Warranty Next Business Day Service for Color LaserJet Pro M454		
UCOR1P	E HP 1 year Post Warranty 4 hour 9x5vService for Color LaserJet Pro M454		
UB9V4P	E HP 1 year Post Warranty Next Business Day Exchange Service for Color LaserJet Pro M454		
UB9V5P	E HP 1 year Post Warranty Onsite Exchange Service for Color LaserJet Pro M454		
UB9V6P	E HP 1 year Post Warranty Return to Depot Service for Color LaserJet Pro M454		
Protection investments, its UD Care Deale Lat UD an tifted an eigener state or state indication. For some dataile an UD			

Protect your investment with HP Care Pack. Let HP certified engineers resolve your technical issues. For more details on HP Care Pack, go to hp.com/go/cpc

Paper

Contact HP via phone: Asia: 65 6253 8500

Solutions

HP Web Jetadmin: hp.com/go/wja

HP Universal Print Driver: hp.com/go/upd

HP Imaging and Printing Security Center: hp.com/go/ipsc

HP Color LaserJet Pro M453-M454 series

Model	HP Color LaserJet Pro M454nw	HP Color LaserJet Pro M454dn	HP Color LaserJet Pro M454dw				
Product number	W1Y43A Drint	W1Y44A	W1Y45A				
Print	Functions Print Print Print						
Duplex print options	Manual (driver support provided)	Automatic (default)					
Print speed ¹²	Black (A4, normal): Up to 27 ppm; Black (letter, normal): Up to 28 ppm; Black (A4, duplex): Up to 24 ipm; Black (letter, duplex): Up to 25 ipm Color (A4, normal): Up to 27 ppm; Color (letter, normal): Up to 28 ppm; Color (A4, duplex): Up to 24 ipm; Color (letter, duplex): Up to 25 ipm						
First page out ⁸	Black (A4, ready): As fast as 9.5 sec; Color (A4, ready): As fast as 11.1 sec; Black (A4, sleep): As fast as 11.0 sec; Color (A4, sleep): As fast as 12.1 sec						
Print technology							
Print resolution	Black (best) 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi; Black (normal) 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi Color (best): 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi; Color (normal): 600 x 600 dpi, Up to 38,400 x 600 enhanced dpi						
Print resolution technology	HP ImageREt 3600, PANTONE® calibrated						
Print cartridges number	4 (1 each black, cyan, magenta, yellow) HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF,	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF,	HP PCL 6, HP PCL 5e, HP postscript level 3 emulation, PDF,				
Standard print languages	URF, PWG Raster	URF, PWG Raster	URF, Native Office, PWG Raster				
Printer management		Web JetAdmin Software; HP JetAdvantage Security Manager; H er Configuration Utility – Driver Deployment Utility – Managed F					
Connectivity	Aufinitistrator Resource Nitror Rejource Sat Print Driver (Driver Comparation Oticity - Driver Deptoyment Oticity - Managed Printing Aufinitistrator)						
Standard connectivity	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	1 Hi-Speed USB 2.0; 1 host USB at rear side; Gigabit Etherne 10/100/1000BASE-T network; 802.3az(EEE)	t 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				
Mobile printing capability ⁶	Apple AirPrint [™] ; Google Cloud Print [™] ; HP ePrint; HP Smart Ap Yes, built-in dual-band Wi-Fi; Authentication via WEP,	pp and other mobile Apps; Mopria™ Certified; ROAM capable fo I	r easy printing; Wi-Fi® Direct printing Yes, built-in dual-band Wi-Fi; Authentication via WEP,				
Wireless capability	WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct; Bluetooth Low-Energy	File of A the Part is 2000 1	WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct; Bluetooth Low-Energy				
Network capabilities	Yes, via built-in 10/100/1000Base-Tx Ethernet, Gigabit; Auto		Standard: 512 MB NAND Flash, 512 MB DRAM; Maximum:				
Memory	Standard: 256 MB NAND Flash, 512 MB DRAM; Maximum: 25	6 MB NAND Flash, 512 MB DRAM	512 MB NAND Flash, 512 MB DRAM				
Processor speed Duty cycle (monthly) ⁹	1200 MHz Up to 50,000 pages; Recommended monthly page volume ¹⁰	750 to 4000					
Paper handling	op to 50,000 pages, recommended monthly page volume	. / 50 10 4000					
Input	50-sheet multipurpose tray, 250-sheet input tray						
Output Media types	150-sheet output bin Paper (bond brochure colored glossy letterbead photo pla	in, preprinted, prepunched, recycled, rough), postcards, labels.	envelones				
Media types	Tray 1: 60 to 176 g/m ² (up to 200 g/m ² with postcards and	ni, preprintea, preparicilea, recyclea, rough), postcarus, labels.	רוויכוטאבא				
Media weight	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)	to 176 g/m² with postcards, up to 200 g/m² HP Color laser g g/m² with postcards, up to 150 g/m² Glossy media); Automa	4P Color laser glossy photo papers); Tray 2: 60 to 163 g/m² (up lossy photo papers): optional Tray 3: 60 to 163 g/m² (up to 176 tiic duplexer: 60 to 163 g/m²				
Media Sizes Custom	Tray 1: 76 x 127 to 216 x 356 mm; Tray 2, optional Tray 3: 1						
Dimensions (w x d x h) Weight	412 x 453 x 295 mm 17.5 kg	412 x 469 x 295 mm 18.9 kg					
	HP Color LaserJet Pro M454nw: 4 preinstalled Introductory	HP Color LaserJet Pro M454dn; 4 preinstalled Introductory	HP Color Laser Jet Pro M454dw; 4 preinstalled Introductory				
What's in the box ¹	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	HP Laser Jet 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)	HP Laser Jet Toner cartridges (Black, Cyan, Magenta, Yellow: ~1200 pages); In-box documentation (Getting Started Guide, Install Poste), 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.				
Software included	No software solutions are included in the Box, only on http://						
Warranty features	learn about HP award winning service and support options in		ts. Contact your Contractual Vendor or go to hp.com/support to				
Systems							
Compatible operating systems	Windows Client OS (32/64 bit), Win10, Win8.1, Win 8 Basic, Win8 Pro, Win8 Enterprise, Win6 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/ao/upd						
Minimum system requirements	Mac: 2 GB available hard drive space, Internet connection or l	ort, Internet browser. For additional OS hardware requirement JSB port, OS hardware requirements see apple.com					
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; and SNMPv2; and community password change; HP ePrint: HTTPS with certificate validation; HTTP Basic Access Authentication; SASL authentication; Firewall and ACL; control panel lock; certificates configuration; UDP PIN printing; Syslog; signed firmware; administrator setting; Sdo2.1x authentication (EAP-TLS, and PEAP); authentication via WEP; WPA/WPA2 Personal; WPA2-enterprise; encryption via AES or TKIP; Encrypted data storage; Secure date arease; Automatic firmware updates; Secure Encrypted Print via optional job storage; Compatible with optional HP JetAdvantage Security Manager; IPPS	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, nunsed 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	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; SMMPV1; and SMMPv3; community password change; HP ePrint; HTTPS with certificate validation; HTTP Basic Access Authentication; SASL authentication; Firewall and ACL; control panel lock; certificates configuration; UDP 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 date arease; Automatic firmware updates; Secure Encrypted Print via optional job storage; (Drpatible with optional HP JetAdvantage Security Manager; IPPS				
Fonts and typefaces	84 scalable TrueType fonts 2-line backlit LCD graphic display; 5 buttons (Cancel, Select, Reverse, Right/Left arrows); LED indicator lights (Attention,		2.7 inch intuitivo color toucherroom 2.0 uttage (Users 11-1-				
Control panel	Ready)	www.se, mgm/len arrows), LED mondator lights (Attention,	2.7 inch intuitive color touchscreen; 3 Buttons (Home, Help, Back)				
Display	2-line backlit LCD graphic display CECP		2.7-in intuitive color touchscreen				
Ecolabels ENERGY STAR Qualified	No	ENERGY STAR [®] qualified; EPEAT [®] Silver; CECP ¹³ Yes					
Sustainable impact	Mercury free						
specifications	,	Power supply type: Internal (built-in) Power Supply; Power					
Power	Power supply type: Internal (built-in) Power Supply; 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); Power consumptione: 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); Typical Electricity Consumption watts (1.64 kWh/Week (Blue Angel); 0.394 kWh/Week (Energy Star 3.0)	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); Volt dual voltage, power supply varies by part number with # Option code identifier). Not dual voltage, power supply varies by part number with # Option code identifier. Power consumption ⁶ : 550 watts (active printing), 17 watts (ready), 0.9 watts (sleep), 0.9 watts (HP auto-off/auto-on), 0.07 watts (sleep), 0.9 watts (HP auto-off/auto-on), 0.07 watts (sleep), 0.9 mumber ² : 1.046 kWh/Week (Blue Angel); 0.394 kWh/Week (Energy Star 3.0)	Power supply type: Internal (built-in) Power Supply; 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); Power consumption ² : 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); Typical Electricity Consumption number ² : 1.046 kWh/Week (Blue Angel); 0.394 kWh/Week (Energy Star 3.0)				
Acoustics	Acoustic power emissions ¹⁴ : 6.2 B(A) : Acoustic power emissions (ready): 3.4 B(A) : Acoustic pressure emissions bystander (active, printing): 48 dB(A) : Acoustic pressure emissions bystander (ready): 14 dB(A)	Acoustic power emissions ¹⁴ : 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)					
Environmental ranges	Operating temperature range: 10 to 32.5°C; Recommended	operating temperature: 15 to 27°C ; Operating humidity range	: 10 to 80% RH (non-condensing) ; Recommended operating				
Safety approvals and	humidity range: 30 to 70% RH (non-condensing) 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:						
requirements	2010/EN 62479: 2010						
Supported network protocols	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						

Footnotes

¹ Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Letter: Black/Color-9.8/12.1, A4: Black/Color 9.9/12.4 sec

² Wireless operations are compatible with 2.4 GHz and 5 GHz operations. App or software and HP ePrint account registration may also be required. Some features require purchase of an optional accessory. Learn more at http://www.hp.com/go/mobileprinting

³ Features is only supported by the HP Laser Jet Pro M454nw and M454dw printers. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections ⁴ Feature is supported on the HP Laser Jet Pro M454nw and M454dw printers only. Mobile device needs to be connected directly to the Wi-Fi network of a wireless direct–capable MFP or printer prior to printing. Depending on mobile device, an app or driver may also be required. Learn more at http://www.hp.com/go/businessmobileprinting

⁵ Feature is only available for the HP Color Laser Jet Pro M452dw. Requires a wireless access point and an Internet connection to the printer. Services require registration. App availability varies by country, language, and

agreements and requires a firmware upgrade. For details, visit hpconnected.com 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

⁷ Pin printing enabled via USB installed in rear of device.

⁸ HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit http://www.hp.com/go/securitymanager

⁹ All new product introductions beginning in Fall 2019 will include consistent worldwide default duplex settings (across bundles/drivers); Spring 2019 will include consistent worldwide default duplex settings for most products across the most common drivers.

¹⁰ Based on HP Internal testing using normalized TEC Value, 2019.

¹¹ Instant threat notifications can appear on the device control panel when a potential threat occurs from malicious intent or there is a bug or vulnerability in the firmware code of the device. If this error raises concern, please contact your company IT representative or, if unavailable, HP Support, who can investigate the cause through analysis of device syslog data using a standard SIEM tool from McAfee, Splunk, Arcsight or SIEMonster. The control ¹² HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

Technical specifications disclaimers

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.

Toner cartridges designed for distribution and use within a designated region only: will not work outside of designated region.

⁵ Declared yield value in accordance with ISO/IEC 19798. Actual yields vary considerably based on images printed and other factors. For more information, visit http://www.hp.com/go/learnaboutsupplies

⁶ Local printing requires mobile device and printer to be on the same network (usually Wi-Fi access points bridge wireless to wired connections) or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access point. Remote printing requires an Internet connection to an HP web-connected printer. Wireless broadband use requires separately purchased service contract for mobile devices. Check with service provider for coverage and availability in your area. For more information visit hp.com/go/mobileprinting. To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth^a Low Energy (BLE) beaconing capabilities. Subscription may be required. For more information, visit hp.com/go/roam

⁷ Measured using ISO 24734 Feature Test, A5 Landscape Feed, Speed may vary based on content, PC, media orientation, and media type

⁸ Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

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

¹¹ HP SureSupply alerts you when your print cartridge is running low and helps you purchase online or locally through HP or a participating retailer. For more information, visit http://www.hp.com/go/SureSupply; only available with Original HP supplies; Internet access required.

¹² Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity

To learn more, visit http://www.hp.com

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