Lighten your workload, focus on your business

HP Color LaserJet Pro M454 series
HP Color LaserJet Pro MFP M479 series

MOST RELIABLE BUSINESS PRINTER & MFP BRAND

BLI BUYERS LAB

RELIABILITY 2018–2021

"HP product lines stand out above the rest"[1]

Simply designed to uncomplicate your day

Built to keep you—and your business—moving forward

Best-in-class security[2]

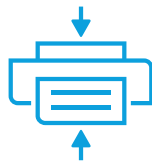# Simply designed to uncomplicate your day

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

Simple setup and printer management

Set up this device fast and start printing the pages you need right away. Easily manage device settings to help increase overall printing efficiency.

Equip employees to breeze through tasks with a customisable 10.9 cm colour touchscreen control panel—available on the MFP M479 series models.[3] An intuitive 6.9 cm colour touchscreen on the M454dw model makes managing jobs at the printer simple and efficient.

Perfect fit. Streamlined design.

Make the most of your office space. This device is the perfect size to conveniently fit into your shared work area—and your work style.

Avoid interruptions with an HP Color LaserJet device designed to be streamlined with minimal parts and long-life supplies for simple service and maximum productivity.

On the MFP models, avoid frustrations when scanning. A slow-closing lid and frameless scanner help make this a quick and easy task.

Ready to work, right away

Speed through print jobs right out of the box. This printer is shipped with preinstalled, specially designed Original HP LaserJet toner cartridges with JetIntelligence. Auto seal removal enables simple and seamless cartridge replacement, so you can get back to business fast—without costly delays or frustrating messes.

Customise frequently used tasks with Quick Sets feature[3]

Built to keep you—and your business—moving forward

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

Keep business moving

Don't wait for documents—these devices print your first page from ready mode in as few as 9.7 seconds (black, A4).[4]

On all models, get prints at up to 27 pages per minute (ppm),[5] simplex, and up to 24 images per minute (ipm), duplex (A4).[6]

27 ppm[5]

Enjoy enhanced wireless performance and more reliable connections with dual-band Wi-Fi®[7] and Bluetooth® Low Energy.[8] Set up your wireless printer effortlessly with easy wireless connect—no more tedious keying of your password at the printer.[9]

Print effortlessly from any device, virtually anywhere, to any HP printer—securely through the cloud.[10]

Simplify productivity

An easy-access USB port on all MFP models and the M454dw model allows users to easily walk up and print.[11]

Turn paper files into digital assets and send your work to more places without using a PC—with the MFP M479 series models, scan documents directly to Microsoft® SharePoint®, email, USB, and network folders.[12]

Expand your capacity

Tailor these devices to the needs of your business. The HP Color LaserJet Pro M454 printer series and HP Color LaserJet Pro MFP M479 series models come standard with a 50-sheet multipurpose tray 1 and 250-sheet tray 2 that support media sizes up to 216 x 356 mm.

All models may be configured with an optional 550-sheet paper tray, which supports media sizes up to A4. Spend less time loading paper with an 850-sheet maximum input capacity.[13]

Best-in-class security[2]

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.[2]

Always on guard

Count on strong protection for devices, data, and documents with printer security from HP.

More than 135/200 (printers/MFPs) embedded security features,[14] including secure boot and secure firmware, preserve sensitive data and help protect the printer from being the entry point for attacks.

Thwart potential attacks by receiving instant notification of security issues, so immediate action can be taken.[15] This device works with tools like Splunk, ArcSight, McAfee, and SIEMonster.

Take security to the next level

Help secure important documents and confidential information. With optional PIN/Pull printing, help ensure the security of confidential information by entering a PIN at the device to retrieve print jobs.[16]

Optional HP JetAdvantage Security Manager offers an effective, policy-based approach to help secure HP devices.[17] Easily set security configuration policies and automatically validate settings across the fleet.

Expand capabilities with top-flight flexibility

Gain comprehensive control of information while providing employees with the access they need to get the job done. Easily manage devices and settings using HP Web Jetadmin with a suite of management features.[18]

Built-in LDAP addressing simplifies email distribution. Save IT time and make printing easy for the entire enterprise by using a single driver for all HP devices.[19]

On all MFP M479 models and the M454dw model, HP JetAdvantage Secure Print[20] helps secure documents by requiring authentication to release print jobs.

▶ For more information

Fleet management

HP Web Jetadmin visit: hp.com/go/wja

Solution brief: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA5-2719EEW.pdf

Video: http://hp.brightcovegallery.com/solutions/detail/video/4271055504001/

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

Solution brief: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA2-4781EEW

Security

HP JetAdvantage Security Solutions visit: hp.com/go/printsecurity

Solution brief: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-1295EEW.pdf

Video: http://hp.brightcovegallery.com/products/detail/video/4270905124001/

HP JetAdvantage Security Manager visit: hp.com/go/securitymanager

Brochure: http://h20195.www2.hp.com/V2/GetPDF.aspx/4AA3-9275EEW.pdf

Video: http://hp.brightcovegallery.com/products/detail/video/4270837770001/

Sustainability is smart business

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

Designed to conserve

Help reduce wasted paper with automatic two-sided printing[6] and a default duplex print setting.[21]

Help cut costs with HP Auto-On/Auto-Off Technology[22] and HP Instant-on Technology[23]—intelligence that readies your printer right when you need it and turns it off when you don't.

Enhanced energy efficiency

Save up to 18% more energy over prior products with the MFP M479 series models, and up to 11% more energy over prior products with the M454 series printers.[24]

Both HP Color LaserJet Pro M454 printer series models and the HP Color LaserJet Pro MFP M479dw/fdn/fdw models are ENERGY STAR® certified.

Reduce your environmental impact

Avoid frustrating reprints, wasted supplies, and service calls using Original HP toner cartridges designed to work with your printer or MFP for optimal results.

Count on easy cartridge recycling at no additional charge with HP Planet Partners.[25]

Find out more about HP Planet Partners[25] at hp.com/recycle

Get to know the HP Color LaserJet Pro M454 series

HP Color LaserJet Pro M454dw shown

150-sheet output bin

Easy-access USB port[11]

Front door release button

Front door access to HP JetIntelligence toner cartridges

Hi-Speed USB 2.0 printing port, USB port for job storage with PIN printing,[16] Gigabit Ethernet LAN port

6.9 cm customisable colour touchscreen[3]

50-sheet multipurpose tray 1 supports media sizes up to 216 x 356 mm

Dual-band Wi-Fi for more reliable wireless connection[7] and Bluetooth® Low Energy for easy wireless printing and setup[8]

Automatic two-sided printing[6]

250-sheet tray 2 supports media sizes up to 216 x 356 mm

Series at a glance

Model (product number)	M454dn (W1Y44A)	M454dw (W1Y45A)
Functions	Print (both models)	
Print speed (A4, black and colour)[5]	Simplex: Up to 27 ppm); Duplex: Up to 24 lpm (both models)	
Two-sided printing	Automatic (default[21]) (both models)	
50-sheet multipurpose tray 1, 250-sheet tray 2	✓	✓
Optional input accessory: 550-sheet paper tray	✓	✓
Easy-access USB port[11]	Not available	✓
Control panel[3]	2-line LCD	6.9 cm colour touchscreen
Input capacity (standard/maximum[13])	Up to 300/850 sheets (both models)	
Recommended monthly page volume[26]	Up to 4,000 pages (both models)	
In-box cartridge yields	Black: ~2,400; Colour: ~1,200 pages (both models)	
Replacement cartridge yields[27] (A/X)	Black: ~2,400/7.500 pages; Colour: ~2,100/6,000 pages (both models)	
Dual-band Wi-Fi[7] and Bluetooth Low Energy[8]	Not available	✓

Get to know the HP Color LaserJet Pro MFP M479 series
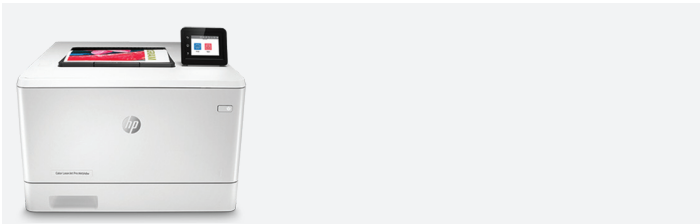
HP Color LaserJet Pro MFP M479fdw shown

10.9 cm customisable colour touchscreen[3]

Easy-access USB port[11]

Front door release button

Front door (access to HP JetIntelligence toner cartridges)

Hi-Speed USB 2.0 printing port, USB port for job storage with PIN printing,[16] Gigabit Ethernet LAN port, Fax port[29]

50-sheet ADF with single-pass, two-sided scanning[28] supports media sizes up to 216 x 356 mm

Flatbed scanner handles media sizes up to A4

150-sheet output bin

Dual-band Wi-Fi for more reliable wireless connection[7] and Bluetooth® Low Energy for easy wireless printing and setup[8]

50-sheet multipurpose tray 1 supports media sizes up to 216 x 356 mm

Automatic two-sided printing[6]

250-sheet tray 2 supports media sizes up to 216 x 356 mm

Series at a glance

Model (product number)	MFP M479dw (W1A77A)	MFP M479fnw (W1A78A)	MFP M479fdn (W1A79A)	MFP M479fdw (W1A80A)
Functions	Print, scan,[28] copy	Print, scan, copy, fax[29]	Print, scan, copy, fax[29]	Print, scan, copy, fax[29]
Print speed (A4, black and colour)[5]	Simplex: Up to 27ppm; Duplex: Up to 24 ipm *(all models)*			
Scan speeds (A4, black/colour)[30]	Simplex: 29/20 ppm	Simplex: 29/20 ppm Duplex: 46/35 ipm	Simplex: 29/20 ppm Duplex: 46/34 ipm	Simplex: 29/20 ppm Duplex: 46/35 ipm
Scanning[28]	50-sheet ADF with simplex scanning	50-sheet ADF with single-pass, two-sided scanning	50-sheet ADF with single-pass, two-sided scanning	50-sheet ADF with single-pass, two-sided scanning
Two-sided printing	Automatic (default[21])	Manual	Automatic (default[21])	Automatic (default[21])
50-sheet multipurpose tray 1, 250-sheet tray 2	✓	✓	✓	✓
Optional 550-sheet tray	Add up to one *(all models)*			
Input capacity	Up to 300/850 sheets (standard/maximum[13]) *(all models)*			
Control panel display	10.9 cm customisable colour touchscreen *(all models)*			
RMVP[26]	Up to 4,000 pages *(all models)*			
In-box cartridge yields	Black: ~2,400; Colour: ~1,200 pages *(all models)*			
Replacement cartridge yields[27] (A/X)	Black: ~2,400/7,500 pages; Colour: ~2,100/6,000 pages *(all models)*			
Dual-band Wi-Fi[7] and Bluetooth Low Energy[8]	✓	✓	Not available	✓

What's new

HP Color LaserJet Pro M454 series compared to the HP Color LaserJet Pro M452 series

HP Color LaserJet Pro M454dw	HP Color LaserJet Pro M452dw
6.9 cm colour touchscreen with intuitive icon-based user interface[3]	7.6 cm touchscreen with simple gesturing
Original HP Toner cartridges with JetIntelligence; High-yield cartridges: 7,500/6,000 pages (black/colour)[27]	Original HP Toner cartridges with JetIntelligence; High-yield cartridges: 6,500/5,000 pages (black/colour)[27]
Best-in-class security[2] including secure boot, firmware integrity validation, run-time intrusion detection, and HP Connection Inspector	Secure boot; optional job storage with PIN printing[16]
Dual-band Wi-Fi for more reliable wireless connection[7] and Bluetooth® Low Energy for easy wireless printing and setup;[8] HP Roam for Business[10]	Wireless direct printing[31]/NFC touch-to-print[32]

HP Color LaserJet Pro MFP M479 series compared to the HP Color LaserJet Pro MFP M477 series

HP Color LaserJet Pro MFP M479fdw	HP Color LaserJet Pro MFP M477fdw
10.9 cm customisable touchscreen with intuitive icon-based user interface[3]	10.9 cm touchscreen with simple gesturing
Scan to email, USB, PC, network PC, folder, cloud, SharePoint, and Dropbox[12]	Scan to email, USB, PC, network PC, folder, SMB, cloud
Original HP Toner cartridges with JetIntelligence; High-yield cartridges: 7,500/6,000 pages (black/colour)[27]	Original HP Toner cartridges with JetIntelligence; High-yield cartridges: 6,500/5,000 pages (black/colour)[27]
Best-in-class security[2] including secure boot, firmware integrity validation, run-time intrusion detection, and HP Connection Inspector	Secure boot; optional job storage with PIN printing[16]
Dual-band Wi-Fi for more reliable wireless connection[7] and Bluetooth® Low Energy for easy wireless printing and setup;[8] HP Roam for Business[10]	Wireless direct printing[31]/NFC touch-to-print[32]

Technical specifications—M454 series

	HP Color LaserJet Pro M454dn	HP Color LaserJet Pro M454dw
Product number	W1Y44A	W1Y45A
Control panel	2-line LCD	6.9 cm (2.7-inch) colour touchscreen
Print speed (black and colour)[5]	Simplex: Up to 27/28 ppm (A4/letter); Duplex: Up to 24/25 ipm (A4/letter)	
First page out from ready[4]	As fast as 9.7/9.5 seconds, black (A4/letter); As fast as 11.3/11.1 seconds, colour (A4/letter)	
Print resolution	600 x 600 dpi, Up to 38,400 x 600 enhanced dpi *(both models)*	
Printing		
Printing features	Job storage with PIN printing,[16] N-up printing, collation *(both models)*	
		Plus: easy-access USB[11]
Two-sided printing	Automatic two-sided printing (default[21]) *(both models)*	
Processor	1.2 GHz *(both models)*	
Memory	512 MB DRAM, 256 MB NAND Flash	512 MB DRAM, 512 MB NAND Flash
Storage	Optional job storage[16] via external rear host USB port *(both models)*	
Durability ratings		
Recommended monthly page volume[26]	750 to 4,000 pages *(both models)*	
Duty cycle[33]	Up to 50,000 pages *(both models)*	
Media specifications		
Input capacity	Up to 300/850 sheets (standard/ maximum[13]) *(both models)*	
	Tray 1: Up to 50 sheets	
	Tray 2: Up to 250 sheets	
Output capacity	Up to 150 sheets *(both models)*	
Media sizes	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); Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in, envelopes (No. 10, Monarch); Custom sizes: 76 x 127 to 216 x 356 mm (3 x 5 to 8.5 x 14 in)	
	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); Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in, envelopes (No. 10, Monarch); Custom sizes: 100 x 148 to 216 x 356 mm (3.94 x 5.83 to 8.5 x 14 in)	
	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);Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in; Custom sizes: 100 x 148 to 216 x 356 mm (3.94 x 5.83 to 8.5 x 14 in)	
	Automatic duplexer: A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273 mm); Oficio (216 x 340 mm); Letter, legal, executive, Oficio (8.5 x 13 in)	
Media weights	Tray 1: 60 to 176 g/m² (up to 200 g/m² with postcards and HP Color laser glossy photo papers); 16 to 47 lb bond (up to 52 lb with HP Color laser glossy photo papers)	
	Tray 2: 60 to 163 g/m² (up to 176 g/m² with postcards, up to 200 g/m² with HP Color laser glossy photo papers); 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: 60 to 163 g/m² (up to 176 g/m² with postcards, up to 150 g/m² with HP Color laser glossy photo papers); 16 to 43 lb bond (up to 47 lb with postcards, up to 40 lb with HP Color laser glossy photo papers)	
	Automatic duplexer: 60 to 163 g/m² (16 to 43 lb bond)	
Media types	Paper (bond, brochure, coloured, glossy, letterhead, photo, plain, preprinted, pre-punched, recycled, rough), postcards, labels, envelopes	
Print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, PWG Raster	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, PWG Raster, Native Office
Fonts	84 scalable TrueType fonts *(both models)*	
Connectivity	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; 1 Wireless 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio
Mobile printing	Apple AirPrint,[34] Mopria™-certified, Google Cloud Print™ 2.0, HP ePrint,[35] mobile apps, HP Roam-enabled for easy printing,[10] Dual-band Wi-Fi,[7] Wi-Fi Direct, Bluetooth Low Energy[8]	Apple AirPrint,[34] Mopria-certified, Google Cloud Print 2.0, HP ePrint,[35] mobile apps, HP Roam-capable for easy printing[10]
Network capabilities	Built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X	

	HP Color LaserJet Pro M454dn	HP Color LaserJet Pro M454dw
Network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6	
	Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, Apple AirPrint, HP ePrint, 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	
Security	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; 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,[16] compatible with optional HP JetAdvantage Security Manager,[17] IPPS, authentication via WEP, WPA/WPA2 Personal, WPA2-enterprise; encryption via AES or TKIP	
Compatible operating systems[36]	Windows® Client OS (all 32- and 64-bit editions): Windows 10, Windows 8.1, Windows 8 (Basic, Pro, Enterprise, Enterprise N), Windows 7 (Starter Edition SP1, UPD Ultimate)	
	Mobile OS: iOs, Android™	
	Mac OS: Sierra v10.12, High Sierra v10.13, Mojave v10.14	
	Discrete PCL6 Printer Driver	
	For more information on the supported operating systems go to 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	
	For more information on the supported operating systems see hp.com/go/upd	
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 and XenDesktop® 7.6, Citrix Ready Kit Certification - up to Citrix Server 7.18, For more information, see citrixready.citrix.com	
	Novell iPrint server	
	Linux®: For more information, see developers.hp.com/hp-linux-imaging-and-printing	
	Unix®: For more information, see hp.com/go/unixmodelscripts	
	UPD PCL6/PS Printer Drivers: For more information, see hp.com/go/upd	
System requirements, Windows	A compatible operating system (see above), 2 GB available hard disk space, Internet connection or USB port, Internet browser, OS compatible hardware (for OS hardware requirements see microsoft.com)	
System requirements, Macintosh	A compatible operating system (see above), 2 GB available hard disk space, Internet connection or USB port, OS compatible hardware (for operating system compatible hardware requirements see apple.com)	
Dimensions, operating (width x depth x height)	412 x 469 x 295 mm (16.2 x 18.5 x 11.6 in) (both models)	
Dimensions, maximum[37] (width x depth x height)	412 x 649 x 295 mm (16.2 x 25.6 x 11.6 in) (both models)	
Weight (with print cartridges)	18.9 kg (41.7 lb) (both models)	
What's in the box	HP Color LaserJet printer, 4 preinstalled Introductory HP LaserJet Toner cartridges (Black~2,400 pages, Cyan, Magenta, Yellow: ~1,200 pages);[27] CD with software drivers and documentation, Documentation (Hardware Install Guide), Power cord	
Software included	No software solutions are included in the box, go to hp.com or 123.hp.com/laserjet for software solutions	
Downloadable software	From 123.hp.com: HP Easy Start (guided software install for Windows and Mac)	
	Windows OS: From hp.com, full-solution software and drivers, basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, product documentation and support	
	Mac OS: From hp.com, HP Easy Start (guided software install), HP Mac PS Print Driver, HP Easy Admin	
	Mobile OS: For more information on iOs and Android, see hp.com/go/businessmobileprinting	
	Printer Administrators: See hp.com for 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[35] software (Mobile Driver for Windows), SAP Print Drivers (for more information, see support.hp.com/us-en/document/c05051702), HP Web JetAdmin,[18] HP JetAdvantage Security Manager,[17] HP Roam for Business,[10] HPLIP Linux Printer Driver (for more information, see hplipopensource.com/hplip-web/index.html), Unix Model Script Printer Driver (for more information, see hp.com/go/unixmodelscripts), ReadIris	
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 world-class service and support options in your region.	

Environmental and power specifications—M454 series

	HP Color LaserJet Pro M454dn	HP Color LaserJet Pro M454dw
Environmental ranges		
Temperatures	Operating: 15 to 30° C (59 to 86° F); Recommended operating: 15 to 27° C) 59 to 80.6° F); Storage: -20 to 40° C (-4 to 104° F)	
Relative Humidity	Operating range: 10 to 80% RH; Recommended operating range: 20 to 70% RH; Non-operating range: 10 to 95% RH	
Acoustic power emissions[38]	Ready mode: 3.4 B(A); Active print: 6.2 B(A)[39] *(both models)*	
Acoustic pressure emissions (bystander)	Ready mode: 14 dB(A); Active print: 48 dB(A) *(both models)*	
Power specifications[40]		
Power supply	110-volt input voltage: 100 V-127 V nominal @ +/-10% (min 90 V, max 140 V); 50-60 Hz nominal +/- 3 Hz (min 47 Hz, max 63 Hz); 12 A	
	220-volt input voltage: 220 V-240 V nominal @ +/-10% (min 198 V, max 264 V); 50-60 Hz nominal +/- 3 Hz (min 47 Hz, max 63 Hz); 6 A	
	(Not dual voltage, power supply varies by part number with # option code identifier)	
Power consumption	Active: 550 watts; Ready: 17 watts; Sleep: 0.9 watts; HP Auto-off/auto-on: 0.9 watts; Auto-off/Manual on: 0.7 watts; Off: 0.7 watts	
Typical Electricity Consumption (TEC)	Blue Angel: 1.046 kWh/Week	
	ENERGY STAR: 1.144 kWh/Week *(both models)*	
Energy-saving features	HP Auto-On/Auto-Off Technology;[22] Instant-on Technology *(all models)*	
Environmental specifications	Blue Angel compliant, ENERGY STAR certified; CECP; EPEAT® Silver[41]	
Safety and regulatory compliance	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	
Electromagnetic emission standard	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; Other EMC approvals as required by individual countries	

Technical specifications—MFP M479 series

	HP Color LaserJet Pro MFP M479dw	HP Color LaserJet Pro MFP M479fnw	HP Color LaserJet Pro MFP M479fdn	HP Color LaserJet Pro MFP M479fdw
Product number	W1A77A	W1A78A	W1A79A	W1A80A
Control panel /data entry	10.9 cm (4.3-inch) colour touchscreen; Easy-access USB[11] *(all models)*			
Print speed (black and colour)[5]	Simplex: Up to 27/28 ppm (A4/letter); Duplex: Up to 24/25 ipm (A4/letter) *(all models)*			
First page out from ready[4]	As fast as 9.7/9.5 seconds, black (A4/letter); As fast as 11.3/11.1 seconds, colour (A4/letter)			
Print resolution	600 x 600 dpi, Up to 38,400 x 600 enhanced dpi *(all models)*			
Features				
Printing	Job storage with PIN printing,[16] N-up printing, collation easy-access USB[11]			
	Automatic two-sided printing (default[21])	Manual two-sided printing	Automatic two-sided printing (default[21])	Automatic two-sided printing (default[21])
Scanning	Flatbed scanner: 216 x 297 mm (8.5 x 11.7 in) *(all models)*			
	Advanced features: Scan to cloud (Google Drive and Dropbox), scan to email with LDAP email address lookup, scan to network folder, scan to USB, scan to Microsoft SharePoint,[12] scan to computer with software, fax archive to network folder, fax archive to email, fax to computer, enable/disable fax, Quick Sets			
	Plus: 50-sheet ADF with simplex scanning up to 216 x 356 mm (8.5 x 14 inches)	Plus: 50-sheet ADF with single-pass, two-sided scanning up to 216 x 356 mm (8.5 x 14 inches)		
Digital sending	Scan to email with LDAP email address lookup, scan to network folder, scan to USB, scan to Microsoft SharePoint, scan to computer with software, fax archive to network folder, fax archive to email, fax to computer, enable/disable fax, Quick Sets			
File formats	Digital send: PDF, Hi-compression PDF, JPEG, TIFF, MTIFF, XPS, PDF/A			
	Windows: HP Scan software supports PDF, searchable PDF, JPG, RTF, TXT, BMP, PNG, TIFF; Mac: HP Easy Scan software supports PDF, searchable PDF, JPG, RTF, TXT, JPG-2000, PNG, TIFF			
Copying	Copy speed: Up to 27/28 copies per minute (cpm) (simplex, A4/letter); up to 24/25 cpm (duplex, A4/letter)			
	Copy features: Instant-on copy, up to 999 multiple copies, scan once print many, collation, reduce/enlarge from 25 to 400% (custom page size presets, binding margin, and two pages to one page), fit to page, brightness (lighter/darker), quality (draft/normal/best), id copy, enhancements (optimise for content with presets: none, text, photo, mixed), copy preview (scan glass only)			
	Copy resolution: Up to 600 x 600 dpi			
Optional faxing		Fax speed:[42] 33.6 kbps/3 seconds per page (A4/letter); fax forwarding, receive fax polling, speed dial up to 120 numbers, each with 119 destinations, auto-fax reduction, auto-redialing, stored faxes, fax archiving		
		Fax resolution: Up to 300 x 300 dpi		
Processor	1.2 GHz *(all models)*			
Memory	512 MB DRAM, 512 MB NAND Flash *(all models)*			
Storage	Optional job storage via external rear host USB port *(all models)*			
Durability ratings				
Recommended monthly page volume[26]	750 to 4,000 pages *(all models)*			
Recommended monthly scan volume[43]	750 to 4,000 pages *(all models)*			
Duty cycle[33]	Up to 50,000 pages *(all models)*			
Media specifications				
Input capacity	Up to 300/850 sheets (standard/ maximum[13]) *(all models)*			
	Tray 1: Up to 50 sheets			
	Tray 2: Up to 250 sheets			
Output capacity	Up to 150 sheets *(both models)*			

	HP Color LaserJet Pro MFP M479dw	HP Color LaserJet Pro MFP M479fnw	HP Color LaserJet Pro MFP M479fdn	HP Color LaserJet Pro MFP M479fdw
Media sizes	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); Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in, envelopes (No. 10, Monarch); Custom sizes: 76 x 127 to 216 x 356 mm (3 x 5 to 8.5 x 14 in)			
	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); Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in, envelopes (No. 10, Monarch); Custom sizes: 100 x 148 to 216 x 356 mm (3.94 x 5.83 to 8.5 x 14 in)			
	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);Letter, legal, executive, Oficio (8.5 x 13 in), 4 x 6 in, 5 x 8 in; Custom sizes: 100 x 148 to 216 x 356 mm (3.94 x 5.83 to 8.5 x 14 in)			
	ADF: A4; Letter, legal; Custom sizes 102 x 152 to 216 x 356 mm (4 x 5.9 to 8.5 x 14 in)			
	Automatic duplexer A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273 mm); Oficio (216 x 340 mm); Letter, legal, executive, Oficio (8.5 x 13 in)		Automatic duplexer A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273 mm); Oficio (216 x 340 mm); Letter, legal, executive, Oficio (8.5 x 13 in)	Automatic duplexer A4; B5; 16K (195 x 270 mm, 184 x 260 mm; 197 x 273 mm); Oficio (216 x 340 mm); Letter, legal, executive, Oficio (8.5 x 13 in)
Media weights	Tray 1: 60 to 176 g/m² (up to 200 g/m² with postcards and HP Color laser glossy photo papers); 16 to 47 lb bond (up to 52 lb with HP Color laser glossy photo papers)			
	Tray 2: 60 to 163 g/m² (up to 176 g/m² with postcards, up to 200 g/m² with HP Color laser glossy photo papers); 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: 60 to 163 g/m² (up to 176 g/m² with postcards, up to 150 g/m² with HP Color laser glossy photo papers); 16 to 43 lb bond (up to 47 lb with postcards, up to 40 lb with HP Color laser glossy photo papers)			
	Automatic duplexer: 60 to 163 g/m² (16 to 43 lb bond)		Automatic duplexer: 60 to 163 g/m² (16 to 43 lb bond)	Automatic duplexer: 60 to 163 g/m² (16 to 43 lb bond)
Media types	Paper (bond, brochure, coloured, glossy, letterhead, photo, plain, preprinted, pre-punched, recycled, rough), postcards, labels, envelopes			
Print languages	HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PDF, URF, Native Office, PWG Raster (all models)			
Fonts	84 scalable TrueType fonts (all models)			
Connectivity	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; 1 Wireless 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; 1 Wireless 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port	1 Hi-Speed USB 2.0 port; 1 host USB at rear side; built-in Gigabit Ethernet 10/100/1000 Base-TX network port; 1 Wireless 802.11b/g/n / 2.4 / 5 GHZ Wi-Fi radio
Mobile printing	Apple AirPrint,[34] Mopria-certified, Google Cloud Print 2.0, HP ePrint,[35] mobile apps, HP Roam-enabled for easy printing,[10] Dual-band Wi-Fi,[7] Wi-Fi Direct, Bluetooth Low Energy[8]	Apple AirPrint,[34] Mopria-certified, Google Cloud Print 2.0, HP ePrint,[35] mobile apps, HP Roam-enabled for easy printing,[10] Dual-band Wi-Fi,[7] Wi-Fi Direct, Bluetooth Low Energy[8]	Apple AirPrint,[34] Mopria-certified, Google Cloud Print 2.0, HP ePrint,[35] mobile apps, HP Roam-enabled for easy printing[10]	Apple AirPrint,[34] Mopria-certified, Google Cloud Print 2.0, HP ePrint,[35] mobile apps, HP Roam-enabled for easy printing,[10] Dual-band Wi-Fi,[7] Wi-Fi Direct, Bluetooth Low Energy[8]
Network capabilities	Built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X			
Network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6			
	Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, Apple AirPrint,[34] HP ePrint,[35] 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			
Security	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; HTTPS with certificate validation, HTTP Basic Access Authentication, SASL authentication; LDAP authentication and authorisation; Firewall and ACL; control panel lock, certificates configuration, UPD PIN printing, Syslog, signed firmware, administrator settings, access control, 802.1x authentication (EAP-TLS, and PEAP), Encrypted data storage; Secure data erase; Automatic firmware updates; Secure Encrypted Print via optional job storage,[20] compatible with optional HP JetAdvantage Security Manager,[17] IPPS			
	Plus: authentication via WEP, WPA/WPA2 Personal, WPA2-enterprise; encryption via AES or TKIP	Plus: authentication via WEP, WPA/WPA2 Personal, WPA2-enterprise; encryption via AES or TKIP		Plus: authentication via WEP, WPA/WPA2 Personal, WPA2-enterprise; encryption via AES or TKIP

	HP Color LaserJet Pro MFP M479dw	HP Color LaserJet Pro MFP M479fnw	HP Color LaserJet Pro MFP M479fdn	HP Color LaserJet Pro MFP M479fdw
Compatible operating systems[36]	Windows Client OS (all 32- and 64-bit editions): Windows 10, Windows 8.1, Windows 8 (Basic, Pro, Enterprise, Enterprise N), Windows 7 (Starter Edition SP1, UPD Ultimate)			
	Mobile OS: iOs, Android			
	Mac OS: Sierra v10.12, High Sierra v10.13, Mojave v10.14,			
	Discrete PCL6 Printer Driver			
	For more information on the supported operating systems go to 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			
	For more information on the supported operating systems see hp.com/go/upd			
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 and XenDesktop 7.6, Citrix Ready Kit Certification - up to Citrix Server 7.18, For more information, see citrixready.citrix.com			
	Novell iPrint server			
	Linux: For more information, see developers.hp.com/hp-linux-imaging-and-printing			
	Unix: For more information, see hp.com/go/unixmodelscripts			
	UPD PCL6/PS Printer Drivers: For more information, see http://hp.com/go/upd			
System requirements, Windows	A compatible operating system (see above), 2 GB available hard disk space, Internet connection or USB port, Internet browser, OS compatible hardware (for OS hardware requirements see microsoft.com)			
System requirements, Macintosh	A compatible operating system (see above), 2 GB available hard disk space, Internet connection or USB port, OS compatible hardware (for operating system compatible hardware requirements see apple.com)			
Dimensions, operating (width x depth x height)	416 x 472 x 400 mm (16.4 x 18.6 x 15.7 in)	416 x 461 x 400 mm (16.4 x 18.1 x 15.7 in)	416 x 472 x 400 mm (16.4 x 18.6 x 15.7 in)	416 x 472 x 400 mm (16.4 x 18.6 x 15.7 in)
Dimensions, maximum[37] (width x depth x height)	426 x 652 x 414 mm (16.8 x 25.7 x 16.3 in)	426 x 641 x 414 mm (16.8 x 25.2 x 16.3 in)	426 x 652 x 414 mm (16.8 x 25.7 x 16.3 in)	426 x 652 x 414 mm (16.8 x 25.7 x 16.3 in)
Weight (with print cartridges)	23.4 kg (51.4 lb)	22.6 kg (49.8 lb)	23.4 kg (51.6 lb)	23.4 kg (51.6 lb)
What's in the box	HP Color LaserJet MFP, 4 preinstalled Introductory HP LaserJet Toner cartridges (Black: ~2,400 pages; Cyan, Magenta, Yellow: ~1,200 pages);[27] CD with software drivers and documentation, Documentation (Hardware Install Guide), Power cord			
Software included	No software solutions are included in the box, go to hp.com or 123.hp.com/laserjet for software solutions			
Downloadable software	From 123.hp.com: HP Easy Start (guided software install for Windows and Mac)			
	Windows OS: From hp.com, full-solution software and drivers, basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, product documentation and support			
	Mac OS: From hp.com, HP Easy Start (guided software install), HP Mac PS Print Driver, HP Easy Admin			
	Mobile OS: For more information on iOs and Android, see hp.com/go/businessmobileprinting			
	Printer Administrators: See hp.com for 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[35] software (Mobile Driver for Windows), SAP Print Drivers (for more information, see support.hp.com/us-en/document/c05051702), HP Web JetAdmin,[18] HP JetAdvantage Security Manager,[17] HP Roam for Business,[10] HPLIP Linux Printer Driver (for more information, see hplipopensource.com/hplip-web/index.html), Unix Model Script Printer Driver (for more information, see hp.com/go/unixmodelscripts), ReadIris			
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 world-class service and support options in your region.			

Environmental and power specifications—MFP M479 series

	HP Color LaserJet Pro MFP M479dw	HP Color LaserJet Pro MFP M479fnw	HP Color LaserJet Pro MFP M479fdn	HP Color LaserJet Pro MFP M479fdw
Environmental ranges				
Temperatures	Operating: 15 to 30° C (59 to 86° F); Recommended operating: 15 to 27° C (59 to 80.6° F); Storage: -4 to 104° F (-20 to 40° C)			
Relative Humidity	Operating range: 10 to 80% RH; Recommended operating range: 20 to 70% RH; Non-operating range: 10 to 95% RH			
Acoustic power emissions[38]	Ready mode: 3.4 B(A); Active print: 6.2 B(A;[39] Active scan: 6.2 B(A	Ready mode: 3.4 B(A); Active print: 6.3 B(A);[39] Active scan: 6.3 B(A)	Ready mode: 3.4 B(A); Active print: 6.3 B(A);[39] Active scan: 6.3 B(A)	Ready mode: 3.5 B(A); Active print: 6.3 B(A);[39] Active scan: 6.3 B(A)
Acoustic pressure emissions (bystander)	Ready mode: 14 dB(A); Active print: 49 dB(A); Active scan: 47 dB(A)	Ready mode: 14 dB(A); Active print: 49 dB(A); Active scan: 48 dB(A)	Ready mode: 14 dB(A); Active print: 49 dB(A); Active scan: 48 dB(A)	Ready mode: 14 dB(A); Active print: 49 dB(A); Active scan: 47 dB(A)
Power specifications[40]				
Power supply	110-volt input voltage: 100 V-127 V nominal @ +/-10% (min 90 V, max 140 V); 50-60 Hz nominal +/- 3 Hz (min 47 Hz, max 63 Hz); 12 A			
	220-volt input voltage: 220 V-240 V nominal @ +/-10% (min 198 V, max 264 V); 50-60 Hz nominal +/- 3 Hz (min 47 Hz, max 63 Hz); 6 A			
	(Not dual voltage, power supply varies by part number with # option code identifier)			
Power consumption	Active: 550 watts, Ready: 20 watts, Sleep: 0.7 watts, HP Auto-off/auto-on: 0.7 watts; Auto-off/Manual on: 0.6 watts; Off: 0.6 watts			
Typical Electricity Consumption (TEC)	Blue Angel: 1.084 kWh/Week; ENERGY STAR: 1.116 kWh/Week *(all models)*			
Energy-saving features	HP Auto-On/Auto-Off Technology;[22] Instant-on Technology; Instant-on Copy *(all models)*			
Environmental specifications	Blue Angel compliant, ENERGY STAR certified, CECP, EPEAT Silver[41]	CECP	Blue Angel compliant, ENERGY STAR certified, CECP, EPEAT Silver[41]	Blue Angel compliant, ENERGY STAR certified, CECP, EPEAT Silver[41]
Safety and regulatory compliance	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			
Electromagnetic emission standard	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; Other EMC approvals as required by individual countries			
Telecom Compliance Certification	Wireless: FCC Title 47 CFR, Part 15 Subpart C & E RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; EU Radio Equipment Directive 2014/53/EU; EN301 489-1 V2.1.1; EN301 489-17 V3.1.1; IEC62311:2007; EN62311:2008; EN300 328 V2.1.1(2.4GHz); EN301 893 V2.1.1(5GHz);4	Wireless: FCC Title 47 CFR, Part 15 Subpart C & E RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; EU Radio Equipment Directive 2014/53/EU; EN301 489-1 V2.1.1; EN301 489-17 V3.1.1; IEC62311:2007; EN62311:2008; EN300 328 V2.1.1(2.4GHz); EN301 893 V2.1.1(5GHz);4 Fax Telecom: ETSI ES 203 021; FCC Rules and Regulations 47 CFR Part 68; other Telecom approvals as required by individual countries	Fax Telecom: ETSI ES 203 021; FCC Rules and Regulations 47 CFR Part 68; other Telecom approvals as required by individual countries	Wireless: FCC Title 47 CFR, Part 15 Subpart C & E RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; EU Radio Equipment Directive 2014/53/EU; EN301 489-1 V2.1.1; EN301 489-17 V3.1.1; IEC62311:2007; EN62311:2008; EN300 328 V2.1.1(2.4GHz); EN301 893 V2.1.1(5GHz);4 Fax Telecom: ETSI ES 203 021; FCC Rules and Regulations 47 CFR Part 68; other Telecom approvals as required by individual countries

Ordering information

Use accessories and supplies specifically designed for the printer to help provide efficient performance. To order the accessories and supplies listed here, go to hp.com. To contact HP by country, please visit hp.com/go/contact. If you don't have access to the Internet, contact your qualified HP dealer.

LaserJet	HP Color LaserJet Pro M454dn	W1Y44A
	HP Color LaserJet Pro M454dw	W1Y45A
	HP Color LaserJet Pro MFP M479dw	W1A77A
	HP Color LaserJet Pro MFP M479fnw	W1A78A
	HP Color LaserJet Pro MFP M479fdn	W1A79A
	HP Color LaserJet Pro MFP M479fdw	W1A80A
Supplies[27]	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
Accessories	HP LaserJet 550-sheet paper feeder	CF404A
	HP v222w 16GB Mini USB Drive	P0R81AA
Solutions	HP Web Jetadmin: hp.com/go/wja	
	HP Universal Print Driver: hp.com/go/upd	
	HP JetAdvantage Security Manager: hp.com/go/securitymanager	
	HP JetAdvantage On Demand Cloud Solutions: hp.com/go/jetadvantageondemand	
	HP LaserJet Fonts, Barcodes, and IPDS Emulation available at hp.com/go/laserjetfonts	
	To learn more about available infrastructure, management, and workflow solutions, visit hp.com/go/printing solutions	

[1] In July 2018, HP was named Buyers Lab's Most Reliable Business Printer & MFP Brand by the analysts at Buyers Lab (BLI), based on lab testing from 2012 to 2018. For more information, see https://www.keypointintelligence.com/news/awards.

[2] Based on HP review of 2018 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: hp.com/go/printersecurityclaims.

[3] A 10.9 cm (4.3-inch) customisable colour touchscreen is available on the HP Color LaserJet Pro MFP M479 series models. Connect MFP to the network and complete customisation through the Embedded Web Server. A 6.9 cm (2.7-inch) colour touchscreen is available on the M454dw model. The M454dn model has a 2-line LCD display.

[4] Measured using ISO/IEC 17629. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Learn more at hp.com/go/printerclaims.

[5] 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.

[6] Automatic two-sided printing is not available on the HP Color LaserJet Pro MFP M479fnw.

[7] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting. Wi-Fi® is a registered trademark of Wi-Fi Alliance®.

[8] Bluetooth is a trademark owned by its proprietor and used by HP Inc. under licence. Learn more at hp.com/go/mobileprinting.

[9] Only supported on printers with embedded wireless hardware. Requires the installation of the HP Smart App on an iOS and Android™ that supports Bluetooth® Low Energy. Learn more about the HP Smart App at hp.com/go/mobileprinting.

[10] Subscription or accessory may be required. For more information, visit hp.com/go/roam. To enable HP Roam, some devices may require firmware to be upgraded and an optional accessory to add Bluetooth® Low Energy (BLE) beaconing capabilities. Customer can purchase the RadBeacon USB.

[11] An administrator must enable the easy-access USB port before use. The easy-access USB port is available on all HP Color LaserJet Pro MFP 479 series models and the HP Color LaserJet Pro M454dw printer. It is not available on the M454dn model.

[12] Microsoft® SharePoint® 365 not supported. Requires an internet connection to the printer. Requires an Internet connection to the printer. Services may require registration. App availability varies by country, language, and agreements. For details, see hpconnected.com.

[13] Purchase of optional paper tray required to reach maximum input capacity.

[14] Some features require additional purchase. A FutureSmart service pack update may be required to activate security features. Learn more at hp.com/go/printsecurity.

[15] 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 panel error message may show an error code on a blue screen during code signature checks or memory write intrusions.

[16] Requires purchase of separate USB flash drive with at least 16 GB capacity.

[17] HP JetAdvantage Security Manager must be purchased separately. For details, see hp.com/go/securitymanager.

[18] HP Web Jetadmin is available for download at no additional charge at hp.com/go/wja.

[19] The HP Universal Print Driver is available for download at no additional charge at hp.com/go/upd.

[20] HP JetAdvantage Secure Print works with any network-connected printer or MFP. On-device authentication is available for many HP LaserJet, PageWide, and OfficeJet Pro devices and selected non-HP devices. Some devices may require a firmware upgrade. Internet connection required for cloud storage and retrieval of print jobs. Print-job release from a mobile device requires a network connection and QR code. For more information and a list of supported printers and MFPs, see hp.com/go/JetAdvantageSecurePrint.

[21] 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 driver.

[22] HP Auto-On/Auto-Off Technology capabilities are subject to printer and settings.

[23] Compared with products that use traditional fusing.

[24] Based on HP internal testing using normalised TEC value, 2019.

[25] Programme availability varies. For more information, visit hp.com/recycle.

[26] 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 warranty period.

[27] Average black declared yields based on ISO/IEC 19752 and continuous printing. Average colour composite (C/M/Y) declared yields based on ISO/IEC 19798 and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. Optional high-yield cartridges are not included in printer purchase; purchase separately. For details, see hp.com/go/learnaboutsupplies.

[28] Single pass, two-sided scanning is not available on the HP Color LaserJet Pro MFP M479dw model. The MFP M479dw offers simplex scanning capabilities.

[29] Fax capability is only available on the HP Color LaserJet Pro MFP M479fnw/fdn/fdw models.

[30] Scan speed measured from ADF at default 300 dpi (black-and-white, greyscale, and colour). Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

[31] 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. Wireless performance is dependent on physical environment and distance from the access point in the MFP or printer. Learn more at hp.com/go/businessmobileprinting.

[32] Mobile device must support near-field communications (NFC)-enabled printing. For more information, see hp.com/go/nfcprinting.

[33] 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.

[34] Supports the following devices running iOS 4.2 or later: iPad, iPad 2, iPhone (3GS or later), iPod touch (3rd generation or later). Works with HP's AirPrint-enabled printers and requires the printer be connected to the same network as your iOS device. Wireless performance is dependent on physical environment and distance

from the access point.

[35] Printer requires ePrint account registration. App or software may be required. Wireless operations are compatible with 2.4 GHz operations only. Learn more at hp.com/go/mobileprinting.

[36] Full solution software available only for Windows® 7 and newer, UPD software available only for Windows 7 and newer, HP Software for Mac and Windows is no longer included on the CD, but can be downloaded from 123.hp.com, Legacy Windows Operating Systems (XP,® Vista,® and equivalent servers) get print and Scan drivers only with a reduced feature set, Windows RT OS for Tablets (32- and 64-bit) uses a simplified HP print driver built into the RT OS.

[37] Maximum dimensions of the device are measured with all paper trays folded out and standard accessories installed.

[38] Acoustic values are subject to change. For current information, see hp.com/support.

[39] Configuration tested: base model, simplex printing, A4 paper at an average of 27 ppm.

[40] Power requirements are based on the country/region where the scanner is sold. Do not convert operating voltages. This will damage the device and void the product warranty.

[41] EPEAT® registered where applicable. EPEAT registration varies by country. See epeat.net for registration status by country.

[42] Based on standard ITU-T test image #1 at standard resolution and MMR encoding, the HP fax device can transmit at 3 sec/page for V.34 and 6 sec/page for V.17.

[43] HP recommends that the number of scanned pages per month be within the stated range for optimum device performance.

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