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.

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

Dynamic security enabled printer. Only intended to be used with cartridges using an HP original chip. Cartridges using a non-HP chip may not work, and those that work today may not work in the future. Learn more at http://www.hp.com/go/learnaboutsupplies
**Product walkaround**

150-sheet output bin

Easy-access USB port

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, Gigabit Ethernet LAN port

6.9 cm (2.7-inch) customisable colour touchscreen

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

Dual-band Wi-Fi with Bluetooth® Low Energy for easy wireless printing and setup

Automatic two-sided printing

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

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**HP Color LaserJet Pro M454dw**

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**Series at a glance**

<table>
<thead>
<tr>
<th>Model (product number)</th>
<th>M454nw (W1Y43A)</th>
<th>M454dn (W1Y44A)</th>
<th>M454dw (W1Y45A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Functions</td>
<td>Print</td>
<td>Print</td>
<td>Print</td>
</tr>
<tr>
<td>Print speed (black and colour)</td>
<td>Up to 27 pages per minute (A4) (all models)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Two-sided printing</td>
<td>Manual</td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td>50-sheet multipurpose tray 1, 250-sheet tray 2</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Optional input accessory: 550-sheet paper tray</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Easy-access USB port</td>
<td>Not available</td>
<td>Not available</td>
<td>✓</td>
</tr>
<tr>
<td>Control panel</td>
<td>2-line LCD</td>
<td>2-line LCD</td>
<td>6.9 cm (2.7-inch) colour touchscreen</td>
</tr>
<tr>
<td>Input capacity (standard/maximum)</td>
<td>Up to 300/850 sheets (all models)</td>
<td>Up to 4,000 pages (all models)</td>
<td></td>
</tr>
<tr>
<td>Recommended monthly page volume</td>
<td>Up to 4,000 pages (all models)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cartridge yields (A/X)</td>
<td>Black: ~2,400/7,500 pages; Colour: ~2,100/6,000 pages (all models)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dual-band Wi-Fi with Bluetooth® Low Energy</td>
<td>✓</td>
<td>Not available</td>
<td>✓</td>
</tr>
</tbody>
</table>

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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 Wireless 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 is 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 warranty period.
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.
**Data sheet | HP Color LaserJet Pro M454 series**

**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

**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.

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 LaserJet Pro M454dn
- W1Y44A HP Color LaserJet Pro M454dw

**Accessories**

- CF404A HP LaserJet 550-sheet Feeder Tray
- F0R81A HP v22zw 16GB Mini USB Drive

**Supplies**

- W2040A HP 416A Black Original LaserJet Toner Cartridge (2,400 pages)
- W2040X HP 416X High Yield Black Original LaserJet Toner Cartridge (7,500 pages)
- W2041A HP 416A Cyan Original LaserJet Toner Cartridge (2,100 pages)
- W2041X HP 416X High Yield Cyan Original LaserJet Toner Cartridge (6,000 pages)
- W2042A HP 416A Yellow Original LaserJet Toner Cartridge (2,100 pages)
- W2042X HP 416X High Yield Yellow Original LaserJet Toner Cartridge (6,000 pages)
- W2043A HP 416A Magenta Original LaserJet Toner Cartridge (2,100 pages)
- W2043X HP 416X High Yield Magenta Original LaserJet Toner Cartridge (6,000 pages)

**HP Care Packs**

- 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
- UC0Q6E 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
- UC0R0E HP 5 year 4 hour 9x5 Service for Color LaserJet Pro M454
- UB9V0E HP 3 year Next Business Day Exchange Service for Color LaserJet Pro M454
- UB9V1E HP 3 year Onsite Exchange Service for Color LaserJet Pro M454
- UB9V2E HP 3 year Return to Depot Service for Color LaserJet Pro M454
- UB9V3E HP 1 year Post Warranty Next Business Day Service for Color LaserJet Pro M454
- UB9V5E HP 1 year Post Warranty 4 hour 9x5 Service for Color LaserJet Pro M454
- UB9V6E HP 1 year Post Warranty Next Business Day Exchange Service for Color LaserJet Pro M454
- UB9V7E HP 1 year Post Warranty Onsite Exchange Service for Color LaserJet Pro M454
- UB9V9E HP 1 year Post Warranty Return to Depot Service for Color LaserJet Pro M454

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
<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Product number</td>
<td>W1Y43A</td>
<td>W1Y44A</td>
<td>W1Y45A</td>
</tr>
<tr>
<td>Functions</td>
<td>Print</td>
<td>Print</td>
<td>Print</td>
</tr>
<tr>
<td>Standard print options</td>
<td>Manual (driver support provided)</td>
<td>Automatic (default)</td>
<td></td>
</tr>
<tr>
<td>Print speed</td>
<td>27 ppm</td>
<td>27 ppm</td>
<td>27 ppm</td>
</tr>
<tr>
<td>Print resolution</td>
<td>600 x 600 dpi</td>
<td>600 x 600 dpi</td>
<td>600 x 600 dpi</td>
</tr>
<tr>
<td>Media weights</td>
<td>60 to 176 g/m² (up to 200 g/m² with postcards)</td>
<td>60 to 176 g/m² (up to 200 g/m² with postcards)</td>
<td>60 to 176 g/m² (up to 200 g/m² with postcards)</td>
</tr>
<tr>
<td>Media sizes</td>
<td>Tray 1: 60 to 176 g/m² (up to 200 g/m² with postcards)</td>
<td>Tray 1: 60 to 176 g/m² (up to 200 g/m² with postcards)</td>
<td>Tray 1: 60 to 176 g/m² (up to 200 g/m² with postcards)</td>
</tr>
<tr>
<td>Dimensions (w x d x h)</td>
<td>41.2 x 45.3 x 296 mm</td>
<td>41.2 x 45.3 x 296 mm</td>
<td>41.2 x 45.3 x 296 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>18.9 kg</td>
<td>18.9 kg</td>
<td>18.9 kg</td>
</tr>
<tr>
<td>Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.1.1, 1TLS 1.2, IP/PP (over TLS), Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2c, and SNMPv3 (IPv4, IPv6)</td>
<td>Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.1.1, 1TLS 1.2, IP/PP (over TLS), Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2c, and SNMPv3 (IPv4, IPv6)</td>
<td>Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.1.1, 1TLS 1.2, IP/PP (over TLS), Network: enable/disable network ports and features, unused protocol and service disablement, SNMPv1, SNMPv2c, and SNMPv3 (IPv4, IPv6)</td>
<td></td>
</tr>
<tr>
<td>Power supply type</td>
<td>Internal (built-in) Power Supply, Power Supply required: 110-100 V input voltage: 110 to 127 VAC (+/- 10%); 60 Hz (± 3 Hz); 220-240 V input voltage: 220 to 240 V (+/- 10%); 50 Hz (± 3 Hz); Power Consumption: 550 watts (active printing), 17 watts (ready), 0.07 watts (sleep mode)</td>
<td>Internal (built-in) Power Supply, Power Supply required: 110-100 V input voltage: 110 to 127 VAC (+/- 10%); 60 Hz (± 3 Hz); 220-240 V input voltage: 220 to 240 V (+/- 10%); 50 Hz (± 3 Hz); Power Consumption: 550 watts (active printing), 17 watts (ready), 0.07 watts (sleep mode)</td>
<td>Internal (built-in) Power Supply, Power Supply required: 110-100 V input voltage: 110 to 127 VAC (+/- 10%); 60 Hz (± 3 Hz); 220-240 V input voltage: 220 to 240 V (+/- 10%); 50 Hz (± 3 Hz); Power Consumption: 550 watts (active printing), 17 watts (ready), 0.07 watts (sleep mode)</td>
</tr>
<tr>
<td>Acoustic</td>
<td>Low (1), Moderate (2)</td>
<td>Low (1), Moderate (2)</td>
<td>Low (1), Moderate (2)</td>
</tr>
<tr>
<td>Acoustic emission</td>
<td>Low (1), Moderate (2)</td>
<td>Low (1), Moderate (2)</td>
<td>Low (1), Moderate (2)</td>
</tr>
<tr>
<td>Energy efficiency</td>
<td>CECP</td>
<td>ENERGY STAR® qualified, EPEAT® Silver, CEC class C</td>
<td>CEC class C</td>
</tr>
<tr>
<td>Energy Star Qualified</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>10 to 32°C</td>
<td>10 to 32°C</td>
<td>10 to 32°C</td>
</tr>
<tr>
<td>Operating humidity range</td>
<td>15 to 70% RH</td>
<td>40 to 90% RH</td>
<td>40 to 90% RH</td>
</tr>
<tr>
<td>Environmental operating</td>
<td>10 to 32°C, 15 to 70% RH</td>
<td>10 to 32°C, 15 to 70% RH</td>
<td>10 to 32°C, 15 to 70% RH</td>
</tr>
<tr>
<td>Safety and approval</td>
<td>Requirements</td>
<td>Requirements</td>
<td>Requirements</td>
</tr>
<tr>
<td>Supported network protocols</td>
<td>TFTP, IPv4, IPv6, Print, TFTP/IPv6, Print, TFTP/IPv6</td>
<td>TFTP, IPv4, IPv6, Print, TFTP/IPv6, Print, TFTP/IPv6</td>
<td>TFTP, IPv4, IPv6, Print, TFTP/IPv6, Print, TFTP/IPv6</td>
</tr>
</tbody>
</table>
Footnotes


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. Feature is only supported by the HP LaserJet Pro M454dnw and M454dwv 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 LaserJet Pro M454M46 and M454dwv 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/businessmobilityprinting.

5. Feature is only available for the HP Color LaserJet Pro M452dwv. 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 hpconnectdirect.com.

6. Based on HP review of 2019 published security features of competitive in-class printers. Only HP offers a combined 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/threatprotect.

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/securemanager.

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 if it unavailable, HP Support, who can investigate the cause through analysis of device syslog data using a standard SIEM tool from McAfee, Splunk, Arcsight or SIEMON. The control panel error message may show an error code on a blue screen during code signature checks or memory write intrusions.

12. HP Auto-Off/On Bluetooth® 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 115V device.

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


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. For more information, visit hp.com/go/mobileprinting.

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


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.


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