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.

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.

http://www.hp.com/go/learnaboutsupplies

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
- Print effortlessly from any device, virtually anywhere, to any HP printer—securely through the cloud.⁵

Best-in-class security*⁶
- A suite of embedded security features help protect your printer from being an entry point for attacks.⁶
- Thwart potential attacks and take immediate action with instant notification of possible security issues.¹¹
- Help secure confidential information with optional PIN/Pull printing to retrieve print jobs.³
- Optional HP JetAdvantage Security Manager lets you set configuration policies and validate settings.⁶

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 (M454dw Only).

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 Technology¹²

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. 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.² Features is only supported by the HP Color LaserJet Pro M454dnw and M454dw printers. Wireless performance is dependent on physical environment and distance from access point, and may be limited during active VPN connections.³ Feature is supported on the HP LaserJet Pro M454dnw 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.⁴ Feature is only available for the HP Color LaserJet Pro M454dnw. 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.⁵ 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 http://www.hp.com/go/PrintersThatProtect. For more information: http://www.hp.com/go/printerssecurityclaims.⁶ Additional solution such as HP Access Control or HP JetAdvantage Private Print is required to use optional proximity card reader. Pin printing enabled via USB installed in rear of device.⁷ HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit http://www.hp.com/go/securitymanager.⁸ 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.⁹ 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 causes 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.¹² HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
Product walkthrough

1. 150-sheet output bin
2. Easy-access USB port¹
3. Front door release button
4. Front door access to HP JetIntelligence toner cartridges
5. Hi-Speed USB 2.0 printing port, USB port for job storage with PIN printing,² Gigabit Ethernet LAN port
6. 2.7-inch (6.9 cm) customizable color touchscreen³
7. 50-sheet multipurpose tray 1 supports media sizes up to 8.5 x 14 inches (216 x 356 mm)
8. Dual-band Wi-Fi with Bluetooth® Low Energy⁴ for easy wireless printing and setup
9. Automatic two-sided printing
10. 250-sheet tray 2 supports media sizes up to 8.5 x 14 inches (216 x 356 mm)

Series at a glance

<table>
<thead>
<tr>
<th>Model</th>
<th>HP Color LaserJet Pro M454dn</th>
<th>HP Color LaserJet Pro M454dw</th>
</tr>
</thead>
<tbody>
<tr>
<td>Functions</td>
<td>Print</td>
<td>Print</td>
</tr>
<tr>
<td>Print speed (black and color)⁵</td>
<td>Simplex: Up to 28/27 pages per minute (letter/A4)</td>
<td>Simplex: Up to 28/27 pages per minute (letter/A4)</td>
</tr>
<tr>
<td></td>
<td>Duplex: Up to 25/24 images per minute (letter/A4)</td>
<td>Duplex: Up to 25/24 images per minute (letter/A4)</td>
</tr>
<tr>
<td>Two-sided printing</td>
<td>Automatic (Default)</td>
<td>Automatic (Default)</td>
</tr>
<tr>
<td>50-sheet multipurpose tray 1, 250-sheet tray 2</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Optional input accessory: 550-sheet paper tray</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Easy-access USB port¹</td>
<td>Not available</td>
<td>✓</td>
</tr>
<tr>
<td>Control panel¹</td>
<td>2-line LCD</td>
<td>2.7-inch (6.9 cm) color touchscreen</td>
</tr>
<tr>
<td>Input capacity (standard/maximum)</td>
<td>Up to 300/850 sheets</td>
<td>Up to 300/850 sheets</td>
</tr>
<tr>
<td>Recommended monthly page volume¹</td>
<td>Up to 4,000 pages</td>
<td>Up to 4,000 pages</td>
</tr>
<tr>
<td>Cartridge yields (A/X)</td>
<td>Black: ~2,400/7,500 pages; Color: ~2,100/6,000 pages</td>
<td>Black: ~2,400/7,500 pages; Color: ~2,100/6,000 pages</td>
</tr>
<tr>
<td>Dual-band Wi-Fi with Bluetooth® Low Energy⁴</td>
<td>Not available</td>
<td>✓</td>
</tr>
</tbody>
</table>

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 color touchscreen is only available on the HP Color LaserJet Pro M454dw model. The M454dn model has 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 HP Inc. under license. Learn more at hp.com/go/mobileprinting. ⁵ Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see hp.com/go/printerclaims. ⁶ Actual yield and costs vary considerably depending on images printed, number of color 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. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc

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.1

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.

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1 Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see http://www.hp.com/go/printerperformanceclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity. Letter: Black/Color 9.6/12.1, A4: Black/Color 9/6.2 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 Feature is only supported by the HP LaserJet 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 LaserJet 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 LaserJet Pro M452nw. Requires a wireless access point and an Internet connection to the printer. Services require registration. Availability varies by country, language, and agreements and requires a firmware upgrade. For details, visit http://printers.hp.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 http://www.hp.com/go/PrintersThatProtect. For more information, see http://www.hp.com/go/printersecurityclaims. 7 Additional solution such as HP Access Control or HP JetAdvantage Private Print is required to use optional proximity card reader. Pro 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 bundled devices); 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.
What's in the box

- HP Color LaserJet Pro M454
- 4 preinstalled Introductory HP LaserJet Toner cartridges (Black, Cyan, Magenta, Yellow: ~1200 pages)
- In-box documentation (Getting Started Guide, Install Poster, regulatory flyer)
- Power cord
- Internet ePrint
- Mobile Printing Capability via built-in Wi-Fi, Bluetooth Low Energy
- 2.7 inch intuitive color touchscreen, 3 Buttons (Home, Help, Back)

Technical Specifications

- Print Technology: Laser, Print Resolution Technologies: HP ImageREt 3600, PANTONE® calibrated
- Print Cartridges Number: ~1200
- Memory: Standard: 256 MB NAND Flash, 512 MB DRAM; Maximum: 256 MB NAND Flash, 512 MB DRAM
- Standard: 512 MB NAND Flash, 512 MB DRAM
- Maximum: 512 MB NAND Flash, 512 MB DRAM
- Fonts and Typefaces: 84 scalable TrueType fonts
- Print speed: Measured 12 ppm (A4) ISO; 11 ppm (Letter); 8 ppm (Legal); 3 ppm (A5 ISO); 2 ppm (Executive)
- Declared printing speed: Up to 28 ppm black, up to 26 ppm color
- Print resolution: Black: 600 x 600 dpi, Color: 600 x 600 dpi, Up to 4800 x 600 dpi enhanced
- Print Technology: Laser, Print Resolution: 1200 x 1200 dpi
- Print Cartridge: 4-1 (Black, Cyan, Magenta, Yellow)
- Print Technology: Laser, Print Resolution: 1200 x 1200 dpi
- Print Cartridge: 4-1 (Black, Cyan, Magenta, Yellow)
- Standard Print Languages: HP-GL/2, PCL3 EMR, PCL5e, PCL5c, HP-RT, HP-RR, PCL6, PostScript 3, PDF, TIFF, JPEG, XPS
- Printer Smart Software Features: Apple AirPrint™, Mopria, Google Cloud Print 2.0, Mobile Print, HP ePrint
- Printer Management: HP Printer Assistant, HP Utility (Mac), HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS PRO Proxy Agent
- Network Capabilities: Yes, built-in dual-band Wi-Fi, Authentication via WEP, WPA, WPA Enterprise, Encryption via AES or TKIP, WPS, WPS Direct, Bluetooth Low Energy, SSL/TLS 1.0, TLS 1.1, TLS 1.2; IPP over TLS
- Mobile Printing Capability: Apple AirPrint™, Mopria, Google Cloud Print 2.0, Mobile Print, HP ePrint, HP Smart app and other mobile apps
- Memory: Standard: 256 MB NAND Flash, 512 MB DRAM; Maximum: 256 MB NAND Flash, 512 MB DRAM
- Operating Environment: Temperature Range: 50° F to 95° F (10° C to 35° C), Operating Humidity Range: 20 to 70% RH (non-condensing)
- Security Management: Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password-protected EPL, Secure browsing via SSL/TLS 1.0, 1.1, 1.2, EAP over TLS: Network-level encryption protocols and features, unused protocol and service disabling, SMIPv3, SMIPv2, and SMIPv1, community password change, HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SMIPv2 authentication: Firewall and ACL, control panel lock; certificates configuration, HP ePrint printing: Syloq, signed firmware, administrator settings, B2I.x authentication (EAP-TLS), and REAP: Encrypted data storage: Secure data erase, Automatic firmware updates, Secure Encrypted Print via optional job storage, Compatible with optional HP JetAdvantage Security Manager
- Availability: Standard
- Print Cartridge: 4-1 (Black, Cyan, Magenta, Yellow)
- Print Technology: Laser, Print Resolution: 1200 x 1200 dpi
- Print Cartridge: 4-1 (Black, Cyan, Magenta, Yellow)
- Standard Print Languages: HP-GL/2, PCL3 EMR, PCL5e, PCL5c, HP-RT, HP-RR, PCL6, PostScript 3, PDF, TIFF, JPEG, XPS
- Printer Smart Software Features: Apple AirPrint™, Mopria, Google Cloud Print 2.0, Mobile Print, HP ePrint
- Printer Management: HP Printer Assistant, HP Utility (Mac), HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS PRO Proxy Agent
- Network Capabilities: Yes, built-in dual-band Wi-Fi, Authentication via WEP, WPA, WPA Enterprise, Encryption via AES or TKIP, WPS, WPS Direct, Bluetooth Low Energy, SSL/TLS 1.0, TLS 1.1, TLS 1.2; IPP over TLS
- Mobile Printing Capability: Apple AirPrint™, Mopria, Google Cloud Print 2.0, Mobile Print, HP ePrint, HP Smart app and other mobile apps
- Memory: Standard: 256 MB NAND Flash, 512 MB DRAM; Maximum: 256 MB NAND Flash, 512 MB DRAM
- Operating Environment: Temperature Range: 50° F to 95° F (10° C to 35° C), Operating Humidity Range: 20 to 70% RH (non-condensing)
- Security Management: Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password-protected EPL, Secure browsing via SSL/TLS 1.0, 1.1, 1.2, EAP over TLS: Network-level encryption protocols and features, unused protocol and service disabling, SMIPv3, SMIPv2, and SMIPv1, community password change, HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication, SMIPv2 authentication: Firewall and ACL, control panel lock; certificates configuration, HP ePrint printing: Syloq, signed firmware, administrator settings, B2I.x authentication (EAP-TLS), and REAP: Encrypted data storage: Secure data erase, Automatic firmware updates, Secure Encrypted Print via optional job storage, Compatible with optional HP JetAdvantage Security Manager

Learn more at hp.com

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1 In box cartridge yields ~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 115 V device. "BATE" 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. 3 Toner cartridges designed for distribution and use within a designated region only; will not work outside of designated region. 4 Declared yield value in accordance with ISO/IEC 19798. Actual yields will vary considerably based on images printed and other factors. For more information see: http://www.hp.com/go/learnaboutsupplies. 5 Local and network printing requires mobile device and printer to be on the same network ejaculation. MFP access points bridge wireless to wired connections) or have a direct wireless connection. Wireless performance is dependent on physical environment and distance from access points. 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 your service provider for coverage and availability in your area. For more information visit http://www.hp.com/go/mobileprinting. 6 Manageable HP LaserJet printers may require firmware to be upgraded and an optional accessory to satisfy the demanding requirements for IT professionals. 7 Measured using ISO/IEC 16198. 8 Quality is based on Confidentiality, Integrity, and Access Control, media type, media orientation, and media type. 9 Measured using ISO/IEC 16198. 10 Measured using ISO/IEC 16198.