

# HP Color LaserJet Pro M254 Printer series

Extraordinary colour with quick, convenient printing

Impress with colour and increase efficiency. Achieve fast print speeds, including the fastest in-class First Page Out Time (FPOT).<sup>1,2</sup> Count on intuitive security solutions, produce extraordinary colour prints, and get easy mobile printing.<sup>3</sup>



HP Color LaserJet Pro M254nw

HP Color LaserJet Pro M254dw

## Highlights

- Up to 21 ppm A4 black & colour
- Fast First Page out from Sleep (Auto-Off) mode
- Ethernet, Wireless
- Automatic two-sided printing (M254dw)
- 6.9 cm colour touchscreen (M254dw)
- HP Auto-On/Auto-Off
- HP ePrint, AirPrint, Google Cloud Print, Wi-Fi Direct
- Walk-up USB printing (M254dw)

## Increase efficiency with fast colour printing

- Get the fastest in-class two-sided printing speed and First Page Out Time (FPOT).<sup>1,2</sup>
- Get automatic two-sided printing (available on M254dw only), and change paper less often with a 250-sheet capacity paper tray.
- Help save energy with HP Auto-On/Auto-Off Technology.<sup>4</sup> Safeguard data, devices, and documents.<sup>5</sup>
- Easily manage tasks at the device with an intuitive touchscreen. Print documents directly from a USB drive (available on M254dw only).

## More. Pages, Performance, and Protection.

- Count on high-quality colour and more pages with Original HP Toner cartridges with JetIntelligence.<sup>6</sup>
- Get the Original HP quality you paid for with anti-fraud technology.
- Spend less time replacing toner, with optional high-yield cartridges.
- Speed through print jobs right out of the box, using preinstalled Original HP Toner cartridges.

## Easy mobile printing and scanning – HP Smart app

- Print and scan from your smartphone, and easily order toner, with the HP Smart app.<sup>7</sup>
- Have confidence in your connection with steady performance from dual band Wi-Fi.<sup>8</sup>
- Connect your smartphone or tablet directly to your printer – and easily print without accessing a network.<sup>9</sup>
- Simply tap the print button on your smartphone or tablet to print.<sup>3</sup>



2-sided printing



Color laser technology



Color touchscreen



Auto On/Off  
Technology



Easy access USB



High Yield  
Toner Cartridge



Wireless



Wireless direct

## Product walkaround

### HP Color LaserJet Pro M254dw shown

1. Front-facing USB printing port
2. 100-sheet output bin
3. Fastest in-class automatic two-sided printing
4. Single-sheet priority tray 1
5. 250-sheet input tray 2
6. 6.85 cm colour touchscreen with intuitive controls
7. Front door (access to toner cartridges)
8. Wi-Fi Direct®
9. Easy mobile printing with the HP Smart App
10. Power connection
11. USB 2.0 port
12. Ethernet port
13. Dual Band wireless networking



## Series at a glance



| Model                                    | HP Color LaserJet Pro M254nw   | HP Color LaserJet Pro M254dw   |
|--|--|--|
| Product number                           | T6B59A   | T6B60A   |
| Print speed (A4)                         | Up to 21/21 ppm (black/color)  | Up to 21/21 ppm (black/color)  |
| Control panel                            | 2-line graphical LCD display with keypad                                 | 6.85 cm (2.7-inch) colour touchscreen  |
| Networking                               | Fast Ethernet, wireless 802.11 b/g/n                                     | Fast Ethernet, wireless 802.11 b/g/n   |
| Two-sided printing, speed (A4)           | Manual   | Automatic, 12 images per minute (ipm)  |
| Front-facing USB port                    | No   | Yes  |
| Cartridge yield, black/colour (in pages) | In-box: ~800/700<br>A: ~1,400/1,300<br>X: ~3,200/2,500                   | In-box: ~800/700<br>A: ~1,400/1,300<br>X: ~3,200/2,500                               |
| Mobile printing capability               | HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; | HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Mobile Apps |

## Accessories, Supplies and Support

|                            |   |
|----------------------------|---|
| <b>Supplies</b>            | <b>CF540A</b> HP 203A Black Original LaserJet Toner Cartridge 1,400 pages<br><b>CF541A</b> HP 203A Cyan Original LaserJet Toner Cartridge 1,300 pages<br><b>CF542A</b> HP 203A Yellow Original LaserJet Toner Cartridge 1,300 pages<br><b>CF543A</b> HP 203A Magenta Original LaserJet Toner Cartridge 1,300 pages<br><b>CF540X</b> HP 203X High Yield Black Original LaserJet Toner Cartridge 3,200 pages<br><b>CF541X</b> HP 203X High Yield Cyan Original LaserJet Toner Cartridge 2,500 pages<br><b>CF542X</b> HP 203X High Yield Yellow Original LaserJet Toner Cartridge 2,500 pages<br><b>CF543X</b> HP 203X High Yield Magenta Original LaserJet Toner Cartridge 2,500 pages<br><b>CHP110</b> HP Office Paper-500 sht/A4/210 x 297 mm<br><b>CHP210</b> HP Printing Paper-500 sht/A4/210 x 297 mm<br><b>CHP370</b> HP Color Laser Paper 90 gsm-500 sht/A4/210 x 297 mm<br><b>CG964A</b> HP Professional Glossy Laser Paper 120 gsm-250 sht/A4/210 x 297 mm<br><b>CG965A</b> HP Professional Glossy Laser Paper 150 gsm-150 sht/A4/210 x 297 mm |
| <b>Service and support</b> | <b>UG206E</b> HP 3 year Care Pack with Standard Exchange for LaserJet Printers<br><b>UG086E</b> HP 3 year Care Pack with Next Day Exchange for LaserJet Printers<br><b>UG289E</b> HP 3 year Care Pack with Return to Depot Support for LaserJet Printers<br><small>(UG206E - available in All EMEA countries Except ME, Africa, South Africa, Israel, Turkey, UG086E - available in Austria, Belgium, Denmark, Finland, France, Germany, Ireland, Italy, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, UK, Czech Republic, Greece, Hungary, Poland, Slovakia, UG289E - available in ME, Africa, South Africa, Israel, Turkey)</small>  |

## Technical specifications

| Model                               | HP Color LaserJet Pro M254nw  | HP Color LaserJet Pro M254dw   |
|-------------------------------------|---|--|
| Product number                      | T6B59A  | T6B60A   |
| Functions                           | Print   |  |
| Control panel                       | 2-line graphical LCD display; 5 buttons (Cancel, Select, Reverse, Right/Left arrows); LED indicator lights (Attention, Ready)   | 6.85 cm (2.7 in) colour graphic touchscreen with 3 buttons at left side (Home, Help, Back)   |
| <b>Print</b>                        |   |  |
| Print technology                    | Laser   |  |
| Print speed <sup>1</sup>            | <b>Black (A4, normal):</b> Up to 21 ppm; <b>Colour (A4, normal):</b> Up to 21 ppm   |  |
| First page out <sup>2</sup>         | <b>Black (A4, ready):</b> As fast as 10.70 sec; <b>Colour (A4, ready):</b> As fast as 12.10 sec; <b>Black (A4, sleep):</b> As fast as 12.3 sec; <b>Colour (A4, sleep):</b> As fast as 12.6 sec  | <b>Black (A4, ready):</b> As fast as 10.30 sec; <b>Colour (A4, ready):</b> As fast as 11.90 sec; <b>Black (A4, sleep):</b> As fast as 12 sec; <b>Colour (A4, sleep):</b> As fast as 12.3 sec   |
| Print resolution                    | <b>Black (best):</b> Up to 600 x 600 dpi; <b>Colour (best):</b> Up to 600 x 600 dpi; <b>Technology:</b> ImageREt 3600   |  |
| Monthly duty cycle                  | Up to 40,000 pages (A4); Recommended monthly page volume: 150 to 2,500  |  |
| Printer smart software features     | Wireless printing; Ethernet networking; Wireless direct printing; HP ePrint; Apple AirPrint™; Mopria-certified; Google Cloud Print; HP Auto-On/Auto-Off technology; HP Smart App; HP JetAdvantage Secure Print  | 6.85 cm (2.7 in) colour touchscreen, automatic 2-sided printing, wireless printing, Ethernet networking, wireless direct printing, HP ePrint, Apple AirPrint™, Mopria-certified, Google Cloud Print, HP Auto-On/Auto-Off technology, HP Smart App, HP JetAdvantage Private Print, HP JetAdvantage Secure Print |
| Standard print languages            | HP PCL 6, HP PCL 5c, HP postscript level 3 emulation, PCLm, PDF, URF  |  |
| Fonts and typefaces                 | 84 scalable TrueType fonts. Additional Font Solutions available at <a href="http://www.hp.com/go/laserjetfonts">http://www.hp.com/go/laserjetfonts</a>  |  |
| Print area                          | <b>Print margins:</b> Top: 5 mm, Bottom: 5 mm, Left: 5 mm, Right: 5 mm  |  |
| Duplex printing                     | No  | Yes, automatic   |
| <b>Processor speed</b>              | 800 MHz   |  |
| <b>Connectivity</b>                 |   |  |
| Standard                            | Hi-Speed USB 2.0 port; Built-in Fast Ethernet 10/100 Base-TX network port; 802.11 b/g/n wireless  |  |
| Wireless                            | Built-in 802.11 b/g/n; Authentication via WEP, WPA/WPA2, or 802.11x; Encryption via AES or TKIP; WPS; Wi-Fi Direct  |  |
| Mobile printing capability          | HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing   | HP ePrint; Apple AirPrint™; Mopria™-certified; Wireless Direct Printing; Mobile Apps   |
| Supported network protocols         | TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6  |  |
| <b>Network capabilities</b>         | Yes, via built-in 10/100 Base-TX Ethernet; Authentication via 802.11x   |  |
| <b>Memory</b>                       | <b>Standard:</b> 128 MB DDR, 128 MB NAND Flash; <b>Maximum:</b> 128 MB DDR, 128 MB NAND Flash   | <b>Standard:</b> 256 MB DDR, 256 MB NAND Flash; <b>Maximum:</b> 256 MB DDR, 256 MB NAND Flash  |
| <b>Media handling</b>               |   |  |
| Number of paper trays               | <b>Standard:</b> 2; <b>Maximum:</b> 2   |  |
| Media types                         | Paper (bond, brochure, coloured, glossy, heavy, letterhead, light, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock   |  |
| Media size                          | <b>Custom (metric):</b> 76 x 127 to 216 x 356 mm<br><b>Supported (metric):</b> Executive (184 x 267 mm); Oficio (216 x 330 mm); 102 x 152 mm; 127 x 203 mm; A4 (210 x 299 mm); A5 (148 x 210 mm); A6 (105 x 148 mm); B5(JIS) (182 x 257 mm); B6(JIS) (128 x 182 mm); 100 x 150 mm; Oficio (216 x 340 mm); 16K (195 x 270 mm); 16K (184 x 260 mm); 16K (197 x 273 mm); Postcard(JIS) (100 x 147 mm); Double Postcard(JIS) (147 x 200 mm); Envelope 10 (105 x 241 mm); Envelope Monarch (98 x 191 mm); Envelope B5 (176 x 250 mm); Envelope C5 (162 x 229 mm); Envelope DL (110 x 220 mm); A5-R (210 x 148 mm)  |  |
| Media handling                      | <b>Standard input:</b> 250-sheet input tray<br><b>Standard output:</b> 100-sheet output bin   |  |
| Media weight                        | 60 to 163 g/m <sup>2</sup> (Uncoated/Matte, recommended), however up to 175 g/m <sup>2</sup> Postcards and 200 g/m <sup>2</sup> HP Matte is allowed in the driver; 60 to 163 g/m <sup>2</sup> (Coated/Glossy, recommended), however up to 175 g/m <sup>2</sup> Postcards and 220 g/m <sup>2</sup> HP Glossy is allowed in the driver.   |  |
| Input capacity                      | <b>Tray 1:</b> 1-sheet all media types<br><b>Tray 2:</b> 25 mm stack height (75 g/m <sup>2</sup> paper)<br><b>Maximum:</b> Up to 250 sheets (25 mm stack height) in Tray 2  |  |
| Output capacity                     | <b>Standard:</b> Up to 100 sheets (10 mm stack height)<br>Envelopes: 10 mm stack height<br>Transparencies: 10 mm stack height<br><b>Maximum:</b> Up to 100 sheets (10 mm stack height)  |  |
| <b>Compatible operating systems</b> | Windows® 10, 8.1, 8, 7; 32/64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher. Apple® OS X: Sierra(v10.12), El Capitan (v10.11), Yosemite (v10.10); 1.5 GB available hard disk space, Internet required, USB, Linux (For more information, see <a href="http://www.hplipopensource.com/hplip-web/index.html">http://www.hplipopensource.com/hplip-web/index.html</a> ). Unix (For more information, see <a href="http://www.hp.com/go/unixmodelscripts">http://www.hp.com/go/unixmodelscripts</a> ) |  |

| Model                                | HP Color LaserJet Pro M254nw   | HP Color LaserJet Pro M254dw   |
|--------------------------------------|--|--|
| Product number                       | T6B59A   | T6B60A   |
| Compatible network operating systems | Windows® 10, 8.1, 8, 7: 32/64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher. Apple® OS X: Sierra(v10.12), El Capitan (v10.11), Yosemite (v10.10); 1.5 GB available hard disk space, Internet required, USB, Linux (For more information, see <a href="http://www.hp.com/go/unixmodelscripts">http://www.hp.com/go/unixmodelscripts</a> ) |  |
| Minimum system requirements          | <b>Windows:</b> Windows® 10, 8.1, 8, 7: 32/64-bit, 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows® XP SP3 or higher (32-bit only): any Intel® Pentium® II, Celeron® or 233 MHz compatible processor, 850 MB available hard disk space, CD-ROM/DVD drive or Internet connection, USB port, Internet Explorer 8. Windows Server support is provided via the command line installer and supports Win Server 2008 R2 and higher.; <b>Mac:</b> Apple® OS X Sierra(v10.12), El Capitan (v10.11), Yosemite (v10.10); 1.5 GB available hard disk space; Internet required; USB   |  |
| Software included                    | For Windows OS, HP Software Installer, HP Software Uninstaller, HP PCL6 Printer Driver, HP Device Experience (DXP), HP Web Services Assist (HP Connected), Device Setup & Software, HP Printer Assistant, HP Product Improvement Study, online user manuals for Mac OS, welcome screen directs users to <a href="http://www.HP.com">http://www.HP.com</a> or OS App Source for LaserJet Software   |  |
| Security management                  | Embedded Web Server: password-protection, secure browsing via SSL/TLS; Network: enable/disable network ports and features, SNMPv1 community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication; Firewall and ACL; SNMPv3  | Embedded Web Server: password-protection, secure browsing via SSL/TLS; Network: enable/disable network ports and features, SNMPv1 community password change; HP ePrint: HTTPS with certificate validation, HTTP Basic Access Authentication; Firewall and ACL; SNMPv3  |
| Printer management                   | HP Printer Assistant (UDC); HP Utility (Mac); HP Device Toolbox; HP JetAdvantage Security Manager  |  |
| Dimensions and Weight                |  |  |
| Printer dimensions (W x D x H)       | <b>Minimum:</b> 392 x 385.8 x 247.5 mm; <b>Maximum:</b> 392 x 435x 247.5 mm  | <b>Minimum:</b> 392 x 419 x 247.5 mm; <b>Maximum:</b> 392 x 475x 297 mm  |
| Package dimensions (W x D x H)       | 498 x 298 x 464 mm   |  |
| Printer weight                       | 13.8 kg  | 14.8 kg  |
| Package weight                       | 16.4 kg  | 17.4 kg  |
| Operating environment                | <b>Temperature:</b> 15 to 30°C; <b>Humidity:</b> 30 to 70% RH  |  |
| Storage                              | <b>Temperature:</b> -20 to 40°C; <b>Humidity:</b> 0 to 95% RH  |  |
| Acoustics                            | <b>Acoustic power emissions:</b> 6.4 B(A)(colour/simplex); 6.3 B(A)(monochrome/simplex); 6.3 B(A)(monochrome/duplex); 6.3 B(A)(colour/duplex); <b>Acoustic pressure emissions:</b> 50 dB(A)(colour/simplex); 50 dB(A)(monochrome/simplex); 50 dB(A)(monochrome/duplex); 50 dB(A)(colour/duplex)  |  |
| Power                                | <b>Requirements:</b> 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz); <b>Consumption:</b> 381 watts (active printing), 7.5 watts (ready), 0.8 watt (sleep), 0.1 watt (manual-off), 0.1 (auto off/manual on), 0.8 watt (auto off/wake on LAN); <b>Power supply type:</b> Internal (Built-in) power supply  | <b>Requirements:</b> 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz); <b>Consumption:</b> 381 watts (active printing), 7.5 watts (ready), 0.8 watt (sleep), 0.1 watt (manual-off), 0.1 (auto off/manual on), 0.8 watt (auto off/wake on LAN); <b>Typical Electricity Consumption (TEC):</b> Energy Star: 0.664 kWh/Week; Blue Angel: 0.606 kWh/Week; <b>Power supply type:</b> Internal (Built-in) power supply |
| Energy savings feature technology    | HP Auto-On/Auto-Off Technology; Instant-on Technology  |  |
| Certifications                       | CISPR 22:2008 & CISPR 32:2012 /EN 55032:2012 - Class B; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 55024:2010  |  |
| What's in the box <sup>4</sup>       | HP Colour LaserJet Pro M254nw; Introductory HP LaserJet Colour cartridges (700 colour composite (C/Y/M) pages and 800 pages black); Installation guide; Printer documentation and software on CD-ROM; Power cord; USB cable  | HP Colour LaserJet Pro M254dw; Introductory HP LaserJet Colour cartridges (700 colour composite (C/Y/M) pages and 800 pages black); Installation guide; Printer documentation and software on CD-ROM; Power cord; USB cable  |
| Warranty                             | One-year unit exchange warranty. Warranty and support options vary by product, country and local legal requirements. Go to <a href="http://www.hp.com/support">http://www.hp.com/support</a> to learn about HP award winning service and support options in your region.   |  |

## Footnotes

- <sup>1</sup> Comparison based on majority of manufacturers' published specifications for First Page Out Time FPOT as of April 10, 2017. Includes colour laser MFPs < €450 and printers < €300 based on market share as reported by IDC as of Q4 2016. See <http://www.hp.com/go/printerspeeds>.
- <sup>2</sup> Compared with the majority of colour laser Printers < €300 and Print Speed 0-30ppm, based on market share of IDC CYQ1 2017 Hardcopy Peripherals Tracker. Automatic Duplex Printing Speed based on manufacturers' published specifications as of June 12, 2017. See <http://www.hp.com/go/printerspeeds>.
- <sup>3</sup> For details on local printing requirements see <http://www.hp.com/go/mobileprinting>.
- <sup>4</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
- <sup>5</sup> Optional HP JetAdvantage Security Manager for additional purchase. Available on select product models and firmware versions. See product documentation or see <http://h10032.www1.hp.com/ctg/Manual/c03601723> (PDF 372KB) for details.
- <sup>6</sup> Based on cartridge yields for HP 201X compared with HP 202X Original HP LaserJet Toner Cartridges. For more information, see <http://www.hp.com/go/learnaboutsupplies>.
- <sup>7</sup> Requires the HP Smart app download. Features controlled may vary by mobile device operating system. Full list of supported operating systems and details at <http://support.hp.com/us-en/document/c03561640>. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>.
- <sup>8</sup> Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi is a registered trademark of Wi-Fi Alliance®.
- <sup>9</sup> Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AiO or printer prior to printing. Details at <http://www.hp.com/go/mobileprinting>. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

## Technical specifications disclaimers

- <sup>1</sup> 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.
- <sup>2</sup> 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.
- <sup>3</sup> Based on the Blue Angel TEC method with the following possible exceptions: 1 minute or less sleep delay setting, Wi-Fi disabled.
- <sup>4</sup> Introductory cartridges included, 800 pages black and 700 pages colour composite (C/Y/M).



<http://www.hp.com/uk>

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