

Datasheet

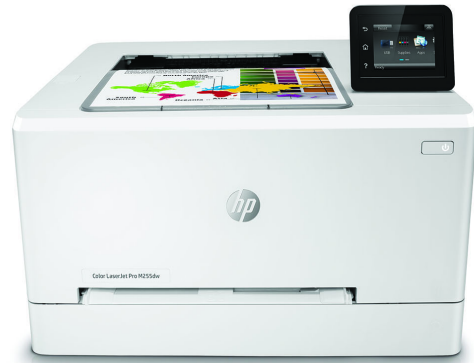
HP Color LaserJet Pro M255dw



Extraordinary wireless printing.^{1,2} Fast, two-sided results.¹

Get high-quality color, wireless two-sided printing,^{1,2} and smart mobility and security.³

Impress with color and increase efficiency. Get high-quality color and fast two-sided print speeds. Save time with Smart Task shortcuts in HP Smart app, and print and scan from your phone.³ Get seamless connections and strong security solutions.



This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: <http://www.hp.com/learn/ds>

Print Speed: Letter: Up to 22 ppm black; Up to 22 ppm Color; First Page Out: As fast as 10.20 sec black

Print Resolution: Black (best): Up to 600 x 600 dpi; Color (best): Up to 600 x 600 dpi

Standard Connectivity: Hi-Speed USB 2.0 port; built-in Fast Ethernet 10/100Base-TX network port; 802.11n 2.4/5GHz wireless; Walkup host USB port

Mobile Printing Capability: HP Smart App; HP ePrint; Apple AirPrint™; Mobile Apps; Wi-Fi® Direct printing; Mopria™-certified

Duty cycle: Monthly (letter): Up to 40,000 pages

Display: 2.7" color graphic screen

Paper Handling: 250-sheet input tray; 100-sheet output bin

Freedom to work anywhere

- Get easy printing and scanning from your mobile device, with HP Smart – best-in-class mobile print app.^{3,4}
- Eliminate steps in repetitive tasks with customizable shortcuts, with Smart Tasks in HP Smart app. Scan to the cloud, email, and more – in just a tap.³
- Organize documents 50% faster with Smart Tasks⁵ – first mobile print app that automates scanning tasks.⁶
- Get notifications when printing, scanning, or copying from your mobile device, using HP Smart app.³

Trusted HP quality and performance

- Get high-quality color and peak printing performance with Original HP Toner cartridges with JetIntelligence.
- Speed through multipage documents with automatic two-sided printing.¹
- Easily manage tasks at the device with an intuitive touchscreen.¹
- Help save energy with HP Auto-On/Auto-Off Technology and this ENERGY STAR® certified color laser printer.⁷

Strong security, reliable connections

- Help protect your data. Get strong security with real-time threat detection and software validation.
- Get faster, more reliable connections with dual band Wi-Fi®.^{1,8}
- Easily share resources – access and print with wireless and Ethernet networking.^{1,2}
- Connect your mobile device directly to your printer – and easily print without accessing a network.^{1,9}



¹ Automatic two-sided printing capabilities available only on HP Color LaserJet Pro MFP M255dw and HP Color LaserJet Pro MFP M255dn. Wireless capabilities available only on HP Color LaserJet Pro MFP M255dw and HP Color LaserJet Pro MFP M255dw. ² Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at <http://www.hp.com/go/mobileprinting>. ³ Requires the HP Smart app download. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>. Certain features/software are available in English language only. ⁴ Compared to OEM mobile printing apps for the majority of top-selling inkjet & laser printers & all-in-ones for home & home office, priced less than or equal to \$429.99 USD. Market share as reported by IDC. ⁵ CYQ2 2018 Hardcopy Peripherals Tracker. Claim based on research of printer manufacturer's mobile print apps and Keypoint Intelligence - Buyers Lab hands-on testing and study commissioned by HP. See September 2018 report at <http://www.keypointintelligence.com/HPSmartApp>. ⁶ Based on internal HP testing. Average timing estimate based on: 1) downloaded HP Smart app on mobile or desktop device. 2) setting up Smart Tasks shortcut. 3) scanning jobs which have more than 2-3 tasks associated with them (scan to email, save and rename, store to cloud, etc.). Average timing savings: comparison based on using printer and desktop scan software to complete similar scanning tasks. Requires the HP Smart app download and supported HP printer. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>. Certain features/software are available in English language only. ⁷ Compared to the majority of competing in-class consumer color desktop inkjet all-in-ones <\$299 USD. Keypoint Intelligence - Buyers Lab 2018 research study commissioned by HP based on research survey of printer manufacturers' published specifications, sustainability reports and press releases as of 12/15/2018 and not confirmed by lab testing. Market share as reported by IDC. ⁸ CYQ3 2018 Hardcopy Peripherals Tracker, CYQ3 2018 Release. The ability to automate work defined as having the capability to use the OEM mobile print app to create a multistep workflow on mobile device and have a shortcut appear on the app and/or on control panel of printer; and/or use intelligent Optical Character Recognition to name a scanned file based on the first few words of a document. For more details, see <http://www.keypointintelligence.com/HPOfficeJetPro>. ⁹ HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade. HP Color LaserJet Pro M255dw, MFP M183fw and MFP M283fdw printers are Energy Star 3.0 certified. For more information go to <https://www.energystar.gov/sites/default/files/FINAL%20Version%203.0%20Imaging%20Equipment%20Specification%20Cover%20Memo.pdf>. For EPA buying guidance and specs go to https://www.energystar.gov/products/office_equipment/imaging_equipment. The HP Color LaserJet Pro MFP M183dn and MFP M283fdn deliver the same energy efficiency equivalent as the Energy Star 3.0 certification. Models M255dw and MFP M283dw are not eligible for EDC due to not meeting duplexer. ¹⁰ Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at <http://www.hp.com/go/mobileprinting>. Wi-Fi is a registered trademark of Wi-Fi Alliance®. Supports both 5.0 GHz and 2.4 GHz using up to 12 non-overlapping channels vs only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band up to 150 mbps vs 2.4 GHz band up to 72.2 mbps. ¹¹ 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®. ¹² Based on the reduced energy use of HP LaserJet printers and cartridges with JetIntelligence introduced since 2015 compared to previous toner versions without JetIntelligence, using EnergyStar methodology.

HP Color LaserJet Pro M255dw Technical specifications

Functions	Print
Print speed black ⁵	Letter: Up to 22 ppm; First page out: As fast as 10.2 sec; Print speed duplex: Up to 13 ppm
Print speed color	Letter: Up to 22 ppm; First page out: As fast as 12.0 sec; Print speed duplex: Up to 13 ppm
Print resolution##printresftrntnr##	Black (best): Up to 600 x 600 dpi; Color (best): Up to 600 x 600 dpi
Print technology	Laser
Print resolution technologies	ImageRET 3600
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Network capabilities	Yes, via built-in 10/100 Base-TX Ethernet; authentication via 802.1X
Wireless capability	Built-in 802.11 b/g/n; authentication via WEP, WPA/WPA2, or 802.1X; encryption via AES or TKIP; WPS; Wi-Fi Direct
Processor speed	800 MHz
Duty cycle	Monthly, letter: Up to 40,000 pages; Monthly, A4: Up to 40,000 pages
Recommended monthly page volume	150 to 2500
Media types supported	Paper (bond, brochure, colored, glossy, heavy, letterhead, light, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
Media weight supported	16 to 43 lb (Uncoated/Matte, recommended), however up to 47 lb Postcards and 53 lb HP Matte is allowed in the driver; 16 to 43 lb (Coated/Glossy, recommended), however up to 47 lb Postcards and 59 lb HP Glossy is allowed in the driver.; 60 to 163 g/m ² (Uncoated/Matte, recommended), however up to 175 g/m ² Postcards and 200 g/m ² HP Matte is allowed in the driver; 60 to 163 g/m ² (Coated/Glossy, recommended), however up to 175 g/m ² Postcards and 220 g/m ² HP Glossy is allowed in the driver.
Media sizes supported	Letter(8.5 x 11); Legal(8.5 x 14); Executive(7.2 x 10.5); Oficio 8.5x13(8.5 x 13); 4 x 6(4 x 6); 5 x 8(5 x 8); A4(8.3 x 11.7); A5(5.8 x 8.3); A6(4.1 x 5.8); B5(JIS)(7.2 x 10.1); B6(JIS)(5 x 7.2); 10x15cm (3.9 x 5.9); Oficio 216x340 mm(8.5 x 13.4); 16K 195x270mm(7.6 x 10.6); 16K 184x260mm(7.2 x 10.2); 16K 197x273mm(7.8 x 10.7); Postcard (JIS)(3.9 x 5.8); Double Postcard(JIS)(5.8 x 7.9); Envelope #10(4.1 x 9.5); Envelope Monarch(3.9 x 7.5); Envelope B5(6.9 x 9.8); Envelope C5(6.4 x 9); Envelope DL(4.3 x 8.7); A5-R(8.3 x 5.8); ; Letter(216 x 280); Legal(216 x 356); Executive(184 x 267); Oficio 8.5x13(216 x 330); 4 x 6(102 x 152); 5 x 8(127 x 203); A4(210 x 299); A5(148 x 210); A6(105x148); B5(JIS)(182 x 257); B6(JIS)(128 x 182); 10x15cm(100 x 150); Oficio 216x340mm(216 x 340); 16K 195x270mm(195x270); 16K 184x260mm(184x260); 16K 197x273mm(197x273); Postcard(JIS)(100 x 147); Double Postcard(JIS)(147 x 200); Envelope #10(105 x 241); Envelope Monarch(98 x 191); Envelope B5(176 x 250); Envelope C5(162 x 229); Envelope DL(110 x 220); A5-R(210 x 148);
Media Sizes Custom	3 x 5 to 8.5 x 14 in / 76 x 127 to 216 x 356 mm
Paper handling	Input Capacities: 1- sheet in Tray1; Up to 250 sheets (25 mm stack height) in Tray 2 Standard Output Capacities: Up to 100 sheets (10 mm stack height) Standard; 10 mm stack height Envelope feeder: No Standard paper trays: 2

What's in the box ¹	7KW64AR HP Color LaserJet Pro M255dw; HP LaserJet Black Introductory toner cartridge (~800 page yield); HP LaserJet Cyan Introductory toner cartridge; HP LaserJet Magenta Introductory toner cartridge; HP LaserJet Yellow Introductory toner cartridge (~700 color composite C/Y/M page yield); Installation guide; Power cord; USB cable
Replacement supplies ³	HP 206A Black LaserJet Toner Cartridge (~1350 yield) W2110A; HP 206A Cyan LaserJet Toner Cartridge (~1250 yield) W2111A; HP 206A Yellow LaserJet Toner Cartridge (~1250 yield) W2112A; HP 206A Magenta LaserJet Toner Cartridge (~1250 yield) W2113A; HP 206X Black LaserJet Toner Cartridge (~3150 yield) W2110X; HP 206X Cyan LaserJet Toner Cartridge (~2450 yield) W2111X; HP 206X Yellow LaserJet Toner Cartridge (~2450 yield) W2112X; HP 206X Magenta LaserJet Toner Cartridge (~2450 yield) W2113X
Warranty features	One-year unit exchange warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://www.hp.com/support to learn about HP award winning service and support options in your region.
Sustainable impact specifications	Mercury-free
Display description	2.7" color graphic touch screen
Software included	No CD (Software is not included In-Box); Downloadable Software only from hp.com ; http://123.hp.com/laserjet or 123.hp.com
Compatible operating systems ⁷	Windows 11; Windows 10; Windows 8; Windows 7; Windows Vista; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave; macOS 10.15 Catalina
Compatible network operating systems	Windows 11; Windows 10; Windows 8; Windows 7; Windows Vista; macOS X 10.10 Yosemite; macOS 10.12 Sierra; macOS 10.13 High Sierra; macOS 10.14 Mojave; macOS 10.15 Catalina; Linux
Minimum system requirements	PC: Windows® 10, 8.1, 8, 7: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, USB port, Internet Explorer. Windows Vista®: (32-bit only), 2 GB available hard disk space, 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, 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.; Mac: Apple® macOS Sierra (v10.12) macOS High Sierra (v10.13) macOS Mojave (v10.14) macOS Catalina(v10.15); 200MB HD; Internet required for download; USB
Power ²	Power supply type: Internal (built-in) Power Supply; Power requirements: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz)(Not dual voltage, product varies by part number with # Option code identifier); Power consumption: 337 watts (active printing), 7.2 watts (ready), 0.8 watt (sleep), 0.6 watt (Manual-Off), 0.05 (Auto Off/Manual On), 0.6 watt (Auto Off/Wake on LAN)
Operating environment	Operating temperature range: 50 to 90.5°F / 10 to 32.5°C; Recommended operating temperature: 59 to 80.6°F / 15 to 27°C; Storage temperature range: -4 to 104°F / -20 to 40°C; Non-operating humidity range: 0 to 95% RH; Operating humidity range: 10 to 80% RH; Recommended humidity operating range: 30 to 70% RH

Learn more at [hp.com](http.com)

¹ Introductory cartridges included, ~800 page yield black and ~700 page yield color composite (C/Y/M). 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 Replacement 206A cartridge average composite (C/Y/M) declared yield ~1250 and average black yield ~1350 pages; replacement 206X cartridge average composite (C/Y/M) declared yield ~2450 and average black yield ~3150 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>. ⁴ Declared yield value in accordance with 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>. ⁵ Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type. ⁶ 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. ⁷ Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit); "Compatible Operating Systems" are not supported with INBOX software, but downloadable from online; Full solution software available only for Windows 7 and newer; Windows Server OS install driver only; Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software

