HP Color LaserJet Pro M255dw (7KW64A)



Overview

Get high-quality colour, wireless two-sided printing[1] and smart mobility and security solutions.[2]

Impress with colour and increase efficiency. Get high-quality colour and fast two-sided print speeds. Save time with Smart Task shortcuts in HP Smart app, and print and scan from your phone.[2] Get seamless connections and strong security solutions.

Freedom to work anywhere

Get easy printing and scanning from your mobile device, with HP Smart – best-in-class mobile print app.[2,3]

Strong security, reliable connections

Help protect your data. Get strong security with real-time threat detection and software validation.

Trusted HP quality and performance

Get high-quality colour and peak printing performance with Original HP Toner cartridges with JetIntelligence.

Features

Best-in-class mobile print app[3][3]

Automate scanning tasks and save time[2]

Powerful printing. Energy smart.[11][11]

Automatic two-sided printing

Achieve high speeds for all your prints

The right touch for business tasks

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[1] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at http://www.hp.com/go/mobileprinting.

[2] 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.

[3] 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. Market share as reported by IDC 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.

[3] 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. Market share as reported by IDC 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.

[2] 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.

[11] 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.

Specifications

Print Resolution Technologies	ImageRET 3600
Print quality black (best)	Up to 600 x 600 dpi
Print quality color (best)	Up to 600 x 600 dpi
Print speed black (ISO, A4)	Up to 21 ppm
Print Speed Color (ISO)	Up to 21 ppm
Print speed	Print speed up to 22 ppm (black) and 22 ppm (colour)
Bottom margin (A4)	5 mm
Left margin (A4)	5 mm
Right margin (A4)	5 mm
Top margin (A4)	5 mm
Functions	Print
Duplex printing	Automatic (standard)
Duty cycle (monthly, A4)	Up to 40,000 pages
Printer smart software features	Wireless direct printing, HP ePrint, Apple AirPrint™, Mopria-certified, HP Auto-On/Auto-Off technology, HP app, Smart task shortcuts in HP app, HP JetAdvantage Secure Print
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Replacement cartridges	HP 207A Black LaserJet Toner Cartridge (1,350 yield) W2210A; HP 207A Cyan LaserJet Toner Cartridge (1,250 yield) W2211A; HP 207A Yellow LaserJet Toner Cartridge (1,250 yield) W2212A; HP 207A Magenta LaserJet Toner Cartridge (1,250 yield) W2213A; HP 207X Black LaserJet Toner Cartridge (3,150 yield) W2210X; HP 207X Cyan LaserJet Toner Cartridge (2,450 yield) W2211X; HP 207X Yellow LaserJet Toner Cartridge (2,450 yield) W2212X; HP 207X Magenta LaserJet Toner Cartridge (2,450 yield) W2213X
Supplies feature	HP JetIntelligence Cartridge
Connectivity, standard	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
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
Mobile printing capability	HP ePrint; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct printing
Network protocols, supported	TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), WSD; Discovery: SLP, Bonjour, WS-Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual), IPv6
Software included	No CD (Software is not included In-Box); Downloadable Software only from http://www.hp.com, http://www.123.hp.com/laserjet or http://www.123.hp.com

Compatible Operating Systems	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[1] *(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)*
Sustainability specifications	Mercury-free
Energy star certified	Yes
Ecolabels	Blue Angel; EPEAT® Silver registered; ENERGY STAR® certified
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Display area (metric)	54 x 40.7 mm
Display	6.8 cm (2.7 in) colour graphic screen
Dimensions (W x D x H)	392 x 419 x 247.5 mm
Weight	14.8 kg
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) [2]
Power supply type	Internal (built-in) Power Supply
What's in the box	HP Color LaserJet Pro M255dw printer; Introductory HP LaserJet cartridges: 700 colour composite (C/Y/M) page yield and 800 page yield black; Installation guide; Power cord; USB cable[4]
Manufacturer Warranty	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.

Additional specifications

Acoustic power emissions (active, printing)	6.4 B(A) (colour/simplex); 6.3 B(A) (monochrome/simplex); 6.3 B(A) (monochrome/duplex); 6.3 B(A) (colour/duplex)
Acoustic power emissions (ready)	2.5 B(A)
Acoustic pressure emissions bystander (active, printing)	50 dB(A) (colour/simplex); 50 dB(A) (monochrome/simplex); 50 dB(A) (monochrome/duplex); 50 dB(A) (colour/duplex)
Acoustic pressure emissions bystander (ready)	16 dB(A)
Additional information about HP	https://www.hp.com
Additional information about HP in the countries	https://www.hp.com/uk
Automatic paper sensor	No
Business filter	cMPS
Cable included	Yes, 1 USB
Cartons per layer	8
Color or black	Color
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
Component type	Printer
Connection type	Wireless
Control panel	6.8 cm (2.7 in) colour graphic touchscreen with 3 button at left side (Home, Help, Back)
Count of layers in pallet	4
Datasheet photo 1	https://hp.widen.net/content/necrprb1dy/png/m255dw_center_paper_M1770188.png?w=800&h=800&position=c&color=ffffff00&quality=80&u=ve4syx
Datasheet photo 2	https://hp.widen.net/content/rqsiqyy2vc/png/m255dw_left_M1770477.png?w=800&h=800&position=c&color=ffffff00&quality=80&u=ve4syx
Datasheet photo 3	Publication photos/Meissa_HP COLOR LASERJET PROM255dw_wap.jpg

Downloadable software	From http://www.123.hp.com/laserjet: HP Easy Start (Guided Software Install for Windows); From http://www.123.hp.com: HP Smart for Windows and Mac; From http://www.hp.com for Windows OS, Full-solution software and drivers, Basic-solution software and drivers (with installer), Product Documentation and Support; For Mobile OS See "HP Mobile Printing" at http://www8.hp.com/us/en/ads/mobility/overview.html; From In-OS app stores: HP Smart, HP recommended printer drivers and software; From http://www.hp.com for printer administrators: Printer Administrator Resource Kit (Driver Configuration Utility, Driver Deployment Utility, Managed Printing Administrator), HP Universal Print Drivers (PCL6, PS), Linux/Unix Print Drivers, SAP (PS Print Drivers), HP Web JetAdmin Software (HP SNMP Proxy Agent), HP JetAdvantage Security Manager
Driver updates	http://www.hp.com/support/ljM253
Dynamic security	Dynamic security enabled printer
Electromagnetic compatibility	CISPR32:2012 & CISPR32:2015/EN55032:2012 & EN55032:2015+AC:2016 - Class B; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 55024:2010+A1:2015
End of Life CO2e (kg)	20.295
Energy Usage CO2e (kg)	26.241
Engine life	45000
Envelope Feeder	No
Finished output handling	Sheetfed
First page out black (A4, ready)	As fast as 10.5 sec
First page out black (A4, sleep)	As fast as 12.1 sec
First page out color (A4, ready)	As fast as 12.2 sec
First page out color (A4, sleep)	As fast as 12.4 sec
First page out footnote	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.
Fonts and typefaces	84 scalable TrueType fonts. Additional Font Solutions available at http://www.hp.com/go/laserjetfonts
Input capacity	Up to 250 sheets (25 mm stack height) in Tray 2
Mac compatible	Yes
Maximum Memory	256 MB DDR, 256 MB NAND Flash
Maximum dimensions (W x D x H)	392 x 475x 297 mm
Maximum input capacity (sheets)	Up to 250 sheets (25 mm stack height) in Tray 2
Maximum output capacity (sheets)	Up to 100 sheets (10 mm stack height)

Maximum print area	206 x 346 mm
Media size, tray 1	Executive (184 x 267 mm); Oficio 8.5x13 (216 x 330 mm); 4 x 6 (102 x 152 mm); 5 x 8 (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); 10 x 15cm (100 x 150 mm); Oficio (216 x 340 mm); 16K (195 x 270 mm; 184 x 260 mm; 197 x 273mm); 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 size, tray 2	Executive (184 x 267 mm); Oficio 8.5x13 (216 x 330 mm); 4 x 6 (102 x 152 mm); 5 x 8 (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); 10 x 15cm (100 x 150 mm); Oficio (216 x 340 mm); 16K (195 x 270 mm; 184 x 260 mm; 197 x 273mm); 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 sizes supported	Executive (184 x 267 mm); Oficio 8.5x13 (216 x 330 mm); 4 x 6 (102 x 152 mm); 5 x 8 (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); 10 x 15cm (100 x 150 mm); Oficio (216 x 340 mm); 16K (195 x 270 mm; 184 x 260 mm; 197 x 273mm); 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 sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	76 x 127 to 216 x 356 mm
Media type and capacity, tray 1	1 sheet all media types
Media type and capacity, tray 2	25 mm stack height (75 g/m²)
Media types	Paper (bond, brochure, coloured, glossy, heavy, letterhead, light, photo, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
Media weight (tray 1)	60 to 163 g/m² (Uncoated/Matte, recommended), however up to 175 g/m² Postcards and 200 g/m² HP Matte is allowed in the driver; 60 to 163 g/m² (Coated/Glossy, recommended) , however up to 175 g/m² Postcards and 220 g/m² HP Glossy is allowed in the driver.
Media weight (tray 2)	60 to 163 g/m² (Uncoated/Matte, recommended), however up to 175 g/m² Postcards and 200 g/m² HP Matte is allowed in the driver
Media weight, supported	60 to 163 g/m² (Uncoated/Matte, recommended), however up to 175 g/m² Postcards and 200 g/m² HP Matte is allowed in the driver; 60 to 163 g/m² (Coated/Glossy, recommended) , however up to 175 g/m² Postcards and 220 g/m² HP Glossy is allowed in the driver.
Memory	256 MB DDR, 256 MB NAND Flash
Minimum System Requirements	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): 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.

Minimum System Requirements for Macintosh	Apple® macOS Sierra (v10.12), macOS High Sierra (v10.13), macOS Mojave (v10.14), macOS Catalina(v10.15), 200 MB available hard disk space, Internet required for download, USB
Model number	M255dw
Non-Operating Humidity Range	0 to 95% RH
Number of users	1-5 Users
Operating humidity range	10 to 80% RH
Operating temperature range	10 to 32.5°C
Output capacity	Up to 100 sheets (10 mm stack height)
Package dimensions (W x D x H)	498 x 298 x 510 mm
Package weight	17.4 kg
Page yield (set-up/inbox cartridges)	800 pages black, ~ 700 pages cyan, magenta, yellow composite yield
Page yield footnote	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
Pallet dimensions (W x D x H)	1200 x 1000 x 2190 mm
Pallet weight	579.5 kg
Pallet weight	1277.6 lb
Paper handling input, standard	250 sheet input tray
Paper handling output, standard	100 sheet output bin
Paper trays, maximum	2
Paper trays, standard	2
Photo (product photo, jpg, 70x100)	Printing and Digital Imaging/CC378A_70x100.jpg
Plug and play	Auto Wireless Connect
Power	222 to 240 VAC (+/- 10%), 50 Hz (+/- 3 Hz), 60 Hz (+/- 3 Hz)
Print Cartridges/Bottle, Number	4 (1 each black, cyan, magenta, yellow)
Print Technology	Laser
Print colors	Yes
Print languages	HP PCL6; HP PCL5c; HP postscript level 3 emulation; PWG raster; PDF; PCLm; PCLm-S; NativeOffice; URF

Print quality black (normal)	Up to 600 x 600 dpi
Print resolution color (normal)	Up to 600 x 600 dpi
Print speed black (Landscape, A5)	Up to 38 ppm
Print speed black (Portrait, A5)	Up to 5 ppm
Print speed color (Landscape, A5)	Up to 20 ppm
Print speed color (Portrait, A5)	Up to 5 ppm
Print speed duplex (A4)	Up to 12 ppm
Print speed duplex (A4)	Up to 12 ppm
Print speed footnote (A5)	Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.
Print speed footnote number (A5)	[5]
Print technology	Laser
Printer Management	HP Printer Assistant (UDC); HP Device Toolbox; HP JetAdvantage Security Manager
Printer black pages (MPV black)	300
Printer color pages (MPV color)	200
Processor speed	800 MHz
Product long name specifications	HP Color LaserJet Pro M255dw, Color Printer for Small Office, Print, Two-sided printing; Energy Efficient; Strong Security; Dualband Wi-Fi
Product short name specifications	HP LaserJet Pro M255dw Wireless Color Printer, Duplex
Production CO2e (kg)	169.875
Quantity per pallet	32
Recommended media weight (duplex)	60 to 120 g/m² (recommended); 60 to 200 g/m² (allowed)
Recommended monthly page volume	150 to 2,500
Recommended operating humidity range	30 to 70% RH

Recommended operating temperature range	15 to 27°C
Replacement cartridges footnote	Replacement 207A cartridge average composite (C/Y/M) declared yield 1,250 and average black yield 1,350 pages; Replacement 207X cartridge average composite (C/Y/M) declared yield 2,450 and average black yield 3,150 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.
Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013; IEC 60950-1:2005+A1:2009+A2:2013; EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010
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
Standard input capacity (envelopes)	Up to 15 mm (recommended only 5 envelopes or less at a time)
Standard media sizes (duplex)	A4; 16K; B5 (JIS); Oficio; A5-R; Executive
Standard output capacity (envelopes)	10 mm stack height
Standard output capacity (transparencies)	10 mm stack height
Storage device and direct print support	Front-facing USB/Flash drive; USB printing
Storage temperature range	-20 to 40°C
Target user and print volume	For teams up to 10 users; Prints up to 2,500 pages/month
Technology logo 2	Publication logos/windows 10_logo_EMEA.jpg
Technology logo 3	Publication logos/Energy Star_NEW.jpg
Technology logo 4	Publication logos/USBhiColour.jpg
Technology logo 5	Publication logos/MacOSX_Universal_new.jpg
Technology logo 6	Publication logos/wifi certified.jpg
Technology logo 7	Publication logos/Mopria logo TM new.jpg
Top key features	Two-sided printing; Energy Efficient; Strong Security; Dualband Wi-Fi
Total CO2e (kg)	221.91 *(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)*
Transportation CO2e (kg)	5.499

Typical electricity consumption (TEC) footnote	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.
Typical electricity consumption (TEC) number	Energy Star: 0.23 kWh/Week; Blue Angel: 0.606 kWh/Week[3]
UNSPSC code	43212105
UPC number	(ABT) 193905484362; (ABY) 193905484379; (ACQ) 193905484386; (B13) 193905566587; (B19) 193905578924; (BAZ) 193905484393
Warm-up time	As fast as 52 sec
Web address for additional information	http://www.hp.com/support/ljM255
What is in the box footnote	Introductory cartridges included: 800 page yield black and 700 page yield colour composite (C/Y/M).

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[1] 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.

[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.

[3] 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] Introductory cartridges included: 800 page yield black and 700 page yield colour composite (C/Y/M).

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Color Laser Toner Printer Cartridges

HP 207X High Yield Black Original LaserJet Toner Cartridge	**W2210X ★**
HP 207A Black Original LaserJet Toner Cartridge	W2210A
HP 207A Cyan Original LaserJet Toner Cartridge	W2211A
HP 207A Magenta Original LaserJet Toner Cartridge	W2213A
HP 207A Yellow Original LaserJet Toner Cartridge	W2212A
HP 207X High Yield Cyan Original LaserJet Toner Cartridge	W2211X
HP 207X High Yield Magenta Original LaserJet Toner Cartridge	W2213X
HP 207X High Yield Yellow Original LaserJet Toner Cartridge	W2212X

HP Business Papers

HP Business Papers for laser

HP Enhanced Business Paper Glossy 150 g/m2 A4 (210 x 297 mm) 150 sheets	**CG965A ★**
HP Professional Business Paper Glossy 200 g/m2 A4 (210 x 297 mm) 150 sheets	**7MV83A ★**
HP Professional Business Paper Matte 200 g/m2 A4 (210 x 297 mm) 150 sheets	7MV80A

Services

HP Care Pack Services

★ : Recommended

Imaging and Printing Consumer Care Pack Services

HP 3y return consumer laserjet - E Svc	UG289E
HP 4 year Care Pack w/Return to Depot Support for LaserJet Printers	UH585E

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