



HP Color LaserJet Pro MFP 2302sdw

Compact color printing for everyday business

Get reliable, professional-quality printing that keeps your business moving with fast speeds, easy setup and management, simple mobile printing, and powerful security ready out of the box.



Highlights

- Automatic 2-sided print & scan
- Print speed up to 23/24 (A4/Letter) pages per minute³
- Easy setup
- Wi-Fi® with self-reset¹
- Hi-Speed USB 2.0 and Ethernet
- Mobile printing with HP app²
- 250-sheet input tray
- 50-sheet Automatic Document Feeder

Get your office printing with total ease

Set up in minutes and start printing right away in a few easy steps.

Quickly onboard new users, keep an eye on toner levels, & manage your fleet remotely with a smart dashboard.

Stay productive with reliable Wi-Fi®¹ and automatic reconnection so your team stays online and printing.

Print and scan from your phone with the HP app² and keep your projects moving no matter where you are.

Get more done with professional quality and speed

Easily handle high-volume print projects with fast automatic two-sided color printing.

Rely on consistent, high-quality prints with low maintenance HP Toner Cartridges that don't require cleaning.

Get high-performance printing that doesn't eat up space with a modern, compact printer that fits your office.

Protect your business with powerful security

Keep your data secure - print jobs & sensitive data are never stored on the printer & erased after every job.

Safeguard your printing system with toner designed with tamper-resistant chips, firmware, and packaging.⁴

Streamline security compliance and management across your fleet with the optional HP Security Manager.⁵

Save energy and help reduce waste

Help save energy with Auto-On/Auto-Off technology⁶ to optimize energy usage.

Return used cartridges for free with HP's recycling program— giving a second life to 1 billion cartridges.⁷

Save energy with a printer that meets strict industry efficiency standards with Blue Angel certification.⁸

Product walkaround

HP Color LaserJet Pro MFP 2302sdw Printer shown

- 1. 50-sheet automatic document feeder
- 2. Dual-band Wi-Fi® with self-reset, Wi-Fi® Direct , high-speed USB ports, Ethernet
- 3. Auto-on / Auto-off technology
- 4. Mobile printing and scanning with the easy-to-use HP app, AirPrint®, Mopria®, or Wi-Fi® Direct
- 5. 250-sheet input tray + 1-sheet multipurpose tray
- 6. 2.7" color touch screen
- 7. Fast automatic two-sided printing; Print duplex speed up to 15/15.5 ipm (A4/Letter)
- 8. High-speed color printing, copying, and scanning; Print speed up to 23/24 ppm (A4/Letter)



Accessories, Supplies and Support

Supplies ³	W2190A HP 219A Black Original LaserJet Toner Cartridge (~1,300 pages black)
	W2190X HP 219X High Yield Black Original LaserJet Toner Cartridge (~3,200 pages black)
	W2191A HP 219A Cyan Original LaserJet Toner Cartridge (~1,200 pages cyan)
	W2191X HP 219X High Yield Cyan Original LaserJet Toner Cartridge (~2,500 pages cyan)
	W2192A HP 219A Yellow Original LaserJet Toner Cartridge (~1,200 pages yellow)
	W2192X HP 219X High Yield Yellow Original LaserJet Toner Cartridge (~2,500 pages yellow)
	W2193A HP 219A Magenta Original LaserJet Toner Cartridge (~1,200 pages magenta)
	W2193X HP 219X High Yield Magenta Original LaserJet Toner Cartridge (~2,500 pages magenta)
Service and Support	UG207E - HP 3 year Care Pack w/Standard Exchange for LaserJet Printers available in all EMEA countries (Except Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Türkiye)
	UG087E - HP 3 year Care Pack w/Next Day Exchange for LaserJet Printers available in Austria, Belgium, Czech Rep, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK
	UX456E - HP 4 year Service Plan with Next business day Exchange for LaserJet Printers available in Austria, Belgium, Czech Rep, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK
	UG290E - HP 3 year Care Pack w/Return to Depot Support for LaserJet Printers available in Adriatic, Africa, CIS, EEM, Israel, Middle East, Russia, Romania, Slovenia, South Africa, Türkiye
	UX503E - HP 4 year Care Pack w/Return to Depot Support for LaserJet Printers available in Adriatic, Africa, CIS, EEM, Israel, Middle East, Russia, Romania, Slovenia, South Africa, Türkiye

Technical specifications

Model	HP Color LaserJet Pro MFP 2302sdw
Product number	D2KGBF
Functions	Print, copy, scan
Control panel	2.7" Capacitive Touch Color Display
Print	
Print technology	Laser
Print speed ^{7,8}	Black (A4, normal): Up to 23 ppm Colour (A4, normal): Up to 23 ppm ; Black (A4, duplex): Up to 15 ipm Colour (A4, duplex): Up to 15 ipm ; Print speed black (Landscape, A5): Up to 39 ppm Print speed color (Landscape, A5): Up to 26 ppm
First page out ⁹	Black (A4, ready): As fast as 8.9 sec Colour (A4, ready): As fast as 9.0 sec ; Black (A4, sleep): As fast as 13.0 sec Colour (A4, sleep): As fast as 13.4 sec
Print resolution	Black (best): Up to 600 x 600 dpi Colour (best): Up to 600 x 600 dpi
Monthly duty cycle ¹⁰	Up to 40,000 pages A4; Recommended monthly page volume ¹¹ : 150 to 2,500
Standard print languages	HP PCL6, PostScript, HP PCL5, PDF, URF, PWG-Raster, PCLM, JPEG
Fonts and typefaces	111 Scalable TrueType Fonts
Print area	Print margins Top: 5 mm, Bottom: 5 mm, Left: 5 mm, Right: 5 mm; Maximum print area : 215.9 x 355.6 mm
Duplex printing	Automatic
Copy	
Copy speed ⁴	Black (A4): Up to 23 cpm; Colour (A4): Up to 23 cpm
Copier specifications	Binding Margin; Booklet; Color; Duplex; ID Copy; Lighter/Darker; Number of Copies; N-up; Original Size; Paper Size; Paper Source; Paper type; Maximum number of copies: Up to 999 copies; Reduce/Enlarge: 25 to 400%
Scan	
Scan speed ¹²	Normal (A4): Up to 19 ppm (b&w), Up to 8 ppm (color)
Scan file format	Standard: JPG; TIFF; PDF; PDF/A;
Scanner specifications	Scanner type ADF; Flatbed; Scan technology: Contact Image Sensor (CIS); Scan input modes: Front-panel scan; HP Universal Scan and user applications via Twain; Twain version: Version 2.1; Duplex ADF scanning: No; Optical scan resolution: Up to 300 dpi (color and monochrome, ADF); Up to 1200 dpi (color and monochrome, Flatbed)
Scanner advanced features	HP Universal Scan
Recommended monthly scan volume	150 to 1500
Scannable area	Maximum media size (flatbed): 216 x 297 mm ; Minimum media size (ADF): 148 x 210 mm Maximum media size (ADF): 216 x 356 mm
Bit depth/ Grey scale levels	24-bit / 256
Digital sending	Standard: Scan to Email, Scan to Network Folder, Scan to Sharepoint, Scan to USB, Scan to Computer
Fax	
Fax smart software features	Mobile Fax with HP Cloud Account
Processor speed	1.2 GHz
Connectivity	
Standard	1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); 1 Wi-Fi 802.11ac (dual band); Auto-crossover Ethernet; 1 Gigabit Ethernet 10/100TX network
Mobile printing capability	Apple AirPrint™; Mobile Apps; Mopria™ certified; HP App; Wi-Fi® Direct Printing
Supported network protocols	TCP/IPv4, TCP/IPv6, DHCP, DNS.
Network capabilities	Built-in 10/100/1000 Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X
Storage	Standard: 0.512 GByte (4 Gbits) NAND Flash Hard disk:
Memory	Standard: 512 MB ; Maximum: 512 MB
Media handling	
Number of paper trays	Standard: 2 ; Maximum: 2
Media types	Paper (bond, brochure, colored, glossy, heavy, letterhead, light, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
Media size	Custom (metric): 76 x 127 mm to 216 x 356 mm Supported (metric): A4; A5; A6; B5 (JIS); B6 (JIS); 10 x 15 cm; Oficio 216 x 340 mm; 16K 195 x 270 mm; 16K 184 x 260 mm; 16K 197 x 273 mm; Postcard (JIS); Envelope B5; Envelope C5; Envelope DL; A5-R ADF: A4; LTR; LGL
Media handling	Standard input: 250 sheets Main Input Tray; 1 sheet Priority Feed Tray; Standard output: 100 sheets Output Tray
Media weight	60 to 163 g/m² Paper; Up to 176 g/m² with postcards; Up to 200g/m² Glossy Papers
Input capacity	Tray 1: 1 sheet for all media type Tray 2: Sheets: Up to 250; Transparencies: Up to 10mm; Envelope: Up to 10 Maximum: Up to 251 sheets ADF: Standard, 50 sheets
Output capacity	Standard: Up to 100 sheets @ 75gsm (or up to 15 mm stack); Envelopes: Up to 10 envelope; Transparencies: Up to 10 mm stack; Maximum: Up to 100 sheets @ 75gsm (or up to 15 mm stack)
Envelope feeder	No
Compatible operating systems	Windows 11; Windows 10; Android; iOS; macOS 14 Sonoma; macOS 15 Sequoia; macOS Tahoe v26
Compatible network operating systems	Windows 11; Windows 10; Android; iOS; macOS 14 Sonoma; macOS 15 Sequoia; macOS Tahoe v26; Linux
Minimum system requirements	Windows: Microsoft® Windows® 11, 10, 2 GB available hard disk space, Internet connection Mac: macOS Tahoe 26; macOS Sequoia 15; macOS Sonoma 14; 2GB HD; Internet required
Software included	HP Printer Software downloadable from www.hp.com/hp-app
Security management	Unique Admin Password; Enable/Disable USB; EWS Session Time Out; Control Panel Inactivity Timeout; Role Based Access Control; WebScan Disabled by default.
Printer management	HP Web Jetadmin
Dimensions and weight	
Printer dimensions (W x D x H) ²	Minimum 418 x 419.12 x 341.32 mm; Maximum: 428 x 472 x 455 mm
Printer weight ¹⁴	~17kg
Operating environment	Temperature: 15 to 30°C Humidity: 10 to 80% RH
Storage conditions	Temperature: -20 to 60°C
Acoustics ⁶	Acoustic power emissions: 6.3 B(A) Acoustic pressure emissions: 50 dB(A)
Power ¹	Requirements: 220-volt input voltage: 220 – 240V (±10%) @ 50Hz ± 3 Hz, 60Hz ± 3 Hz; 110-volt input voltage: 110 – 127V (±10%) @ 50Hz ± 3 Hz, 60Hz ± 3 Hz (Not dual voltage, product varies by part number with # Option code identifier); Consumption: 422 watts (printing), 4,8 watts (ready), 1.0 watts (sleep), 0.02 watts (auto-off), 0.02 watts (manual-off); Typical Electricity Consumption (TEC)¹: 0.306 kWh/week; Power supply type: Built-in Power supply
Energy savings feature technology	HP Auto-Off Technology
Certifications	TUV and GS Mark (Germany), Eastern European approvals, CE Marking, FCC, Energy Star etc. Electromagnetic emission standard: EN IEC 61000-3-2:2019 +A1:2021; EN 61000-3-3:2021; CISPR 32:2019; CISPR 35:2016; EN 55032:2015+A11:2020; EN 55035:2017+A11:2020; EN 61000-4-1:2017; FCC CFR 47 Part 15B; ICES-003, Issue 6:2019; Other EMC approvals as required by individual countries. Blue Angel compliant Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies Telecom compliance: Wireless: EU RED 2014/53/EU; EN 301 489-1 V2.2.3: 2019/ EN 301 489-17: V3.3.1:2024; EN 300 328: V2.2.2 / EN301 893 V2.1.1/ EN300 440-1 V2.1.1; FCC Title 47 CFR, Part 15 Subpart B, Class B / RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; IEC62311:2020; EN62311:2008; Other Telecom approvals as required by individual countries
Sustainable impact specifications	Contains post-consumer recycled plastic
Country of origin	Vietnam(B19, ABT, ABY, BAZ)
What's in the box ²	D2KGBF HP Color LaserJet Pro MFP 2302sdw; Power cord; HP Black Original Introductory LaserJet Toner Cartridge (~600 pages); HP Cyan, Magenta, Yellow Original Introductory LaserJet Toner Cartridges (~500 pages each); User Guide; Flyers; CD (only for #BBU, #AAC)
Warranty	One-Year limited warranty. For more information please visit https://www.support.hp.com ¹³ . 3-year HP commercial warranty at no extra cost (register within 60 days at https://www.hp.com/eu/3yearwarranty).

Footnotes

- ¹ Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. 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) v. 2.4 GHz band (up to 72.2 mbps). Learn more at: www.hp.com/go/wirelessprinting
- ² HP Smart and myHP are now the HP app, available for download on Windows 10 (64 bit) or 11 PCs; macOS computers; and for Apple and Android mobile phones and tablets. Windows PCs do not support print features at launch. The HP app requires download available at www.hp.com/hp-app. Not all HP devices, services, apps are available in the HP app. Certain features are available in English language only, and may vary by printer and PC model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of select HP app functionality. Internet access required. HP account required for full functionality. Fax sending capability only. Live chat and phone support are available during business hours and varies by country. Chat service is localized in supported regions, and where not supported, will default to English. Supported conferencing features vary by device and device configuration. For complete Terms of Service see: www.hp.com/hp-app-terms-of-use.
- ³ Measured using ISO/IEC 24734 and 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.
- ⁴ HP office-class printing systems are select Enterprise and Managed devices with FutureSmart firmware 4.5 and up, Pro devices, LaserJet models 200 and up, with respective Original HP Toner, PageWide and Ink Cartridges. Does not include HP integrated printhead cartridges. Digital supply-chain tracking, hardware, chips and packaging security features vary locally by SKU. See hp.com/cartridgesecurity.
- ⁵ HP Security Manager must be purchased separately. For details, see hp.com/go/securitymanager
- ⁶ HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
- ⁷ The HP Planet Partners recycling program is available to HP customers and partners only. HP only accepts the return of original HP and Samsung cartridges. Cartridges from other brands, refilled cartridges and remanufactured cartridges cannot be returned. HP reserves the right to refuse shipments that contain non-HP cartridges or other non-eligible materials, and to return such shipments to the sender at sender's expense. Program availability varies. See hp.com/go/recycle
- ⁸ This HP printing system is awarded the Blue Angel according to DE-UZ 219 in commercial use for the following 33 countries: Germany, Austria, Switzerland, France, United Kingdom, Ireland, Sweden, Denmark, Finland, Norway, Belgium, Netherlands, Luxembourg, Italy, Spain, Portugal, Poland, Czech Republic, Slovakia, Slovenia, Hungary, Croatia, Romania, Bulgaria, Greece, Estonia, Latvia, Lithuania, Serbia, Türkiye, Israel, Morocco, South Africa.
- ⁹ Standard print mode for HP Color LaserJet Pro series with HP TerraJet Toner Cartridges compared to predecessors. See <https://www.hp.com/TerraJet/colors>

Technical specifications disclaimers

- ¹ 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.
- ² For yield information on the cartridge(s) included with your printer, see <https://www.hp.com/go/toneryield>. Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.
- ³ Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <https://www.hp.com/go/toneryield>.
- ⁴ First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, excludes first set of test documents. For more information see <https://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application and document complexity.
- ⁵ End to End Dimensions when printer is setup and on standby.
- ⁶ Configuration tested: base model, simplex printing, A4 paper at an average of 25 ppm
- ⁷ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see <https://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- ⁸ Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see <https://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- ⁹ Device first page out time based on HP internal measurement of printer activation until page exit. Measurement based on industry-standard ISO/IEC 17629 can be found at <http://www.hp.com/go/printerclaims>. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- ¹⁰ 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.
- ¹¹ 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.
- ¹² Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
- ¹³ Warranty and support options vary by product, country, and local legal requirements
- ¹⁴ Product weight inclusive of starter supplies

