HP Color LaserJet Pro MFP 4302fdw Printer

Colorful productivity. Seamless management.

Get a blazing fast color printer and easy management tools with LaserJet Pro.

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

Highlights

- Fast print speed (33 ppm A4)
- Instant Ink for Laser available
- HP Wolf Pro security
- Automatic two-sided printing standard
- High monthly duty cycle (50,000 pages)
- Dual-band WiFi®, Bluetooth® LE, WiFi® Direct
- 50 sheet ADF with single-pass, two-sided scanning

Maximum productivity in full color

- Support your enterprise workteam with this compact, high-performing, color printer, ideal for up to 10 users.
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- Avoid interruptions with Wi-Fi® that intelligently looks for the best connection to stay on-line.
- Do more in fewer steps. Simple shortcuts allow your employees to complete common tasks with just a touch.
- Look professional on every page with high-quality printing, true-to-life colors and sharp details.

Seamless management

- Centralize your print fleet management. HP Web Jetadmin easily adds and updates devices and solutions.
- Set up your printer fleet quickly wherever work happens. Cloud connectivity makes it easy for your IT team.
- Enroll in Instant Ink subscription service and get toner delivered to your office before you need it.
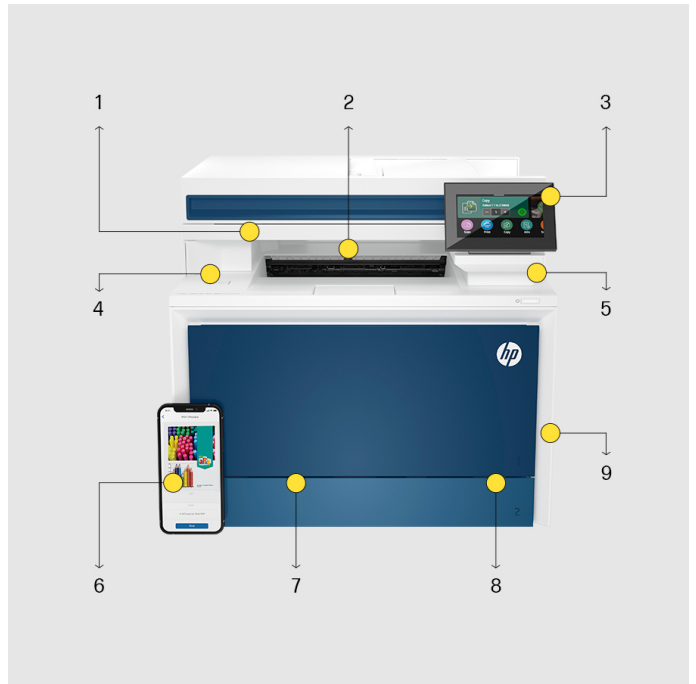
HP Wolf Pro Security

- Get printer fleet security out of the box. Preconfigured settings mean it's ready when you are.
- Set up your printer fleet security from the dashboard. Smart Admin makes IT configuration and monitoring easy.
- Add a layer of security. PIN/pull option authenticates your print jobs only when you're present.
- Strengthen and simplify compliance. This upgrade applies your business policies across the fleet.

Sustainable printing

- Redesigned Original HP TerraJet Cartridge for reduced plastic use and energy consumption when printing.
- Trim your paper use. Default duplex setting prints on both sides of each page.
- Reduce your footprint. HP Auto-On/Auto-Off technology optimizes printer energy usage and costs.

Product walkaround

1. Automatic 2-sided printing and scanning
2. Print speeds up to 35 ppm letter/33 ppm A4, 300-sheet standard paper capacity
3. 4.3-inch color touchscreen
4. Dual-band Wi-Fi® with self-heal, USB and Ethernet
5. Pre-configured security settings
6. HP Smart app for productivity in your hand
7. Designed for workteams of up to 10 users
8. More true-to-life colors with HP TerraJet Toner
9. Walk-up USB print and scan

Accessories, Supplies and Support

Supplies	**W2200A** HP 220A Black Original LaserJet Toner Cartridge (~ 2,000 pages)
	W2200X HP 220X Black Original LaserJet Toner Cartridge (~7,500 pages)
	W2201A HP 220A Cyan Original LaserJet Toner Cartridge (~1,800 pages)
	W2201X HP 220X Cyan Original LaserJet Toner Cartridge (~5,500 pages)
	W2202A HP 220A Yellow Original LaserJet Toner Cartridge (~1,800 pages)
	W2202X HP 220X Yellow Original LaserJet Toner Cartridge (~5,500 pages)
	W2203A HP 220A Magenta Original LaserJet Toner Cartridge (~1,800 pages)
	W2203X HP 220X Magenta Original LaserJet Toner Cartridge (~5,500 pages)
	W8000A HP 210/220/230 Instant Ink Toner Welcome Kit
	W8000J HP 210/220/230 Instant Ink Toner Welcome Kit
	W8001A HP 210/220/230 Instant Ink Toner Welcome Kit
	W8001J HP 210/220/230 Instant Ink Toner Welcome Kit
	W8002A HP 210/220/230 Instant Ink Toner Welcome Kit
	W8002J HP 210/220/230 Instant Ink Toner Welcome Kit
	W8003A HP 210/220/230 Instant Ink Toner Welcome Kit
	W8003J HP 210/220/230 Instant Ink Toner Welcome Kit
Service and Support	**U51Z1E** HP 3 year Next Business Day Onsite Service for Color LaserJet Pro MFP 430x **U51ZCPE** HP 1 year Post Warranty Next Business Day Onsite Service for Color LaserJet Pro MFP 430x

Technical specifications

Model	HP Color LaserJet Pro MFP 4302fdw Printer
Product number	5HH64F
Functions	Print, copy, scan, fax
Control panel	4.3" Capacitive touchscreen (all input functions)
Print	
Print technology	Laser
Print speed	**Black (A4, normal)**: Up to 33 ppm **Colour (A4, normal)**: Up to 33 ppm ; **Black (A4, duplex)**: Up to 29 ipm **Colour (A4, duplex)**: Up to 29 ipm
First page out	**Black (A4, ready)**: As fast as 9.5 sec **Colour (A4, ready)**: As fast as 10.2 sec ; **Black (A4, sleep)**: As fast as 10.2 sec **Colour (A4, sleep)**: As fast as 10.5 sec
Print resolution	**Black (best)**: Up to 600 x 600 dpi **Colour (best)**: Up to 600 x 600 dpi ; **Technology**: HP ImageREt 2400, PANTONE® calibrated
Monthly duty cycle	Up to 50,000 pages A4; **Recommended monthly page volume**: 750 to 4,000
Printer smart software features	Automatic duplex, collation, watermarks, printable forms, quiet mode, HP premium print mode, accepts a variety of paper sizes and types
Standard print languages	HP PCL 6, HP PCL 5e, HP Postscript level 3 emulation, PDF, URF, PWG Raster, Native Office, TIFF, JPEG
Fonts and typefaces	111 scalable TrueType fonts
Print area	**Print margins** Top: 4.23 mm, Bottom: 4.23 mm, Left: 4.23 mm, Right: 4.23 mm ; Maximum print area: 212 x 352 mm
Duplex printing	Automatic
Copy	
Copy speed	**Black (A4)**: Up to 33 cpm ; **Colour (A4)**: Up to 33 cpm
Copier specifications	ID Copy; Number of copies; Resize (including 2-Up); Lighter/Darker; Enhancements; Original Size; Binding Margin; Collation; Tray Selection; Two-Sided; Save Current Settings; Restore Factory Defaults; Quality (Draft/Standard/Best); **Maximum number of copies**: Up to 999 copies; **Reduce/Enlarge**: 25 to 400%
Scan	
Scan speed	**Normal (A4)**: Up to 29 ppm/44 ipm (b&w), up to 26 ppm/35 ipm (color) ; **Duplex (A4)**: Up to 44 ipm (b&w), up to 35 ipm (color)
Scan file format	PDF; JPG; TIFF
Scanner specifications	**Scanner type** Flatbed, ADF; **Scan technology**: Contact Image Sensor (CIS); **Scan input modes**: Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA; **Twain version**: Version 2.3; **Duplex ADF scanning**: Yes; **Scan size maximum (flatbed, ADF)**: 216 x 297 mm; **Optical scan resolution**: Up to 600 dpi
Recommended monthly scan volume	750 to 4000
Scannable area	**Maximum media size (flatbed)**: 216 x 297 mm ; **Minimum media size (ADF)**: 102 x 152 mm **Maximum media size (ADF)**: 216 x 356 mm
Bit depth / Grey scale levels	30-bit / 256
Fax	
Fax	Yes, 33.6 kbps
Fax specifications	**Fax memory**: Up to 500 pages; **Fax resolution**: Standard: 200 x 100 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; **Quick dialing**: Up to 100 numbers
Processor speed	1200 MHz
Connectivity	
Standard	1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); 1 Front USB port; 1 Wi-Fi 802.11b/g/n; 1 Bluetooth Low Energy; 1 Gigabit Ethernet 10/100/1000 Base-TX network
Mobile printing capability	Apple AirPrint™; HP Smart App; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing; HP ROAM For Business; Optional ROAM Queue Printing
Supported network protocols	TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, HP Print on the Go (Roam), Apple AirPrint™, Mopria, IPP Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (DHCP, AutoIP, Manual), IPv6 (Stateless Link-Local and via Router, Stateful via DHCPv6), SSL Security and Certificate management; Management: SNMPv1, SNMPv2, SNMPv3, HTTP/HTTPS, Syslog
Network capabilities	Yes, via built-in 10/100/1000Base-Tx Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1x; 802.11ac (Wi-Fi5)
Memory	**Standard**: 512 MB NAND Flash, 512 MB DRAM ; **Maximum**: 512 MB NAND Flash, 512 MB DRAM
Media handling	
Number of paper trays	**Standard**: 2 ; **Maximum**: 3
Media types	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes
Media size	**Custom (metric)** Simplex: Tray 1: 76.2 x 127 to 216 x 356 mm; Tray 2: 98 x 148 mm to 216 x 356 mm; optional Tray 3: 100 x 148 to 216 x 356 mm; Duplex (all trays): 148 x 148 mm to 216 x 356 mm **ADF**: Letter; Legal; A4; custom sizes 102 x 152 to 216 x 356 mm
Media handling	**Standard input**: 50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF) **Standard output**: 150-sheet output bin **Optional input**: Optional 550-sheet tray **ADF**: Standard, 50 sheets uncurled
Input capacity	**Tray 1**: Sheets: 50; envelopes: 5 **Tray 2**: Sheets: 250; envelopes: 10 **Tray 3**: Sheets: 550 **Maximum**: Up to 850 sheets (with Optional 550-sheet tray) **ADF**: Standard, 50 sheets uncurled
Output capacity	**Standard**: Up to 150 sheets Envelopes: Up to 20 envelopes **Maximum**: Up to 150 sheets
Compatible operating systems	Windows 11; Windows 10; Windows 7; Windows Client OS; Android; iOS; macOS 12 Monterey; macOS 11 Big Sur; macOS 10.15 Catalina; Linux; Citrix; Chrome OS; Mobile OS
Compatible network operating systems	SAP; Novell; UNIX; Citrix; Linux; Windows Server
Minimum system requirements	**Windows**: 2 GB available hard disk space, Internet connection or USB port, Internet browser. For additional OS hardware requirements see microsoft.com; **Mac**: 2 GB available hard drive space, Internet connection or USB port, Internet browser. For additional OS hardware requirements see apple.com;
Software included	No software solutions are included in the Box only on http://hp.com http://123.hp.com;
Printer management	HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent (Part of HP Web JetAdmin), HP WS Pro Proxy Agent (Part of HP Web JetAdmin), Smart Printer Administrator Resource Kit for HP Smart Universal Print Driver (Driver Configuration, Utility - Driver, Deployment Utility - Managed Printing Administrator)
Dimensions and weight	
Printer dimensions (W x D x H)	**Minimum** 421 x 435 x 384 mm; **Maximum**: 421 x 686 x 761 mm (with optional 550-sheet tray 3)
Printer weight	~20.4 kg
Operating environment	**Temperature**: 10 to 32.5°C **Humidity**: 30 to 70% RH (non-condensing)
Storage conditions	**Temperature**: -20 to 40°C
Acoustics	**Acoustic power emissions**: 6.1 B(A) **Acoustic pressure emissions**: 50 dB(A)
Power	**Requirements**: 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); **Consumption**: 585 watts (Active Printing), 18 watts (Ready), 0.8 watts (Sleep), 0.8 watts (HP auto-off/auto-on), 0.07 watts (auto-off/manual on), 0.07 watts (Off); **Typical Electricity Consumption (TEC)**[4]: 1.423 kWh/Week (Blue Angel); 0.422 kWh/Week (Energy Star 3.0); **Power supply type**: Internal (Built-in) power supply
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Certifications	UL&UL (US/Canada); RCM (Australia); TUV and GS Mark (Germany); Department of Industrial Standards of Cambodia; Bureau of Standards, Metrology and Inspection Ministry of Economic Affairs - BSMI(Taiwan); Certificate of China Compulsory Product Certification - CCC (China); Bureau of Indian Standards - BIS Registration (India); PSB (Singapore); Eastern European country approvals; CE Marking; Other Safety & EMC Certification approvals as required by individual countries. **Electromagnetic emission standard**: CISPR 22:2008 (International) Class B, CISPR 32:2015 (International) Class B / EN 55032:2015 Class B + A11:2020, CISPR 35:2016 (International) / EN 55035:2017 + A11:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019 + A2:2021, FCC 47 CFR Part 15 Class B, ICES-003, Issue 7 Class B. Other EMC approvals as required by individual countries. IT ECO Declaration; Blue Angel **Blue Angel compliant** Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies **Telecom compliance**: Telecom Wireless: FCC 47 CFR Part 15 Subpart C & E (UNII); FCC 47 CFR Part 15 Subpart C & E; IRSS-Gen Issue 4/RSS 247 Issue 2, 2017 & RSS 102 Issue 5, 2015; EN 301 489-1 V2.2.3; EN 301 489-17 V3.2.4; EN 300 440-1 V2.1.1; EN 300 328 V2.2.2; EN 301 893 V2.1.1. Other Telecom approvals as required by individual countries. Telecom Wired: FCC Rules and Regulations 47 CFR Part 68. ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2. Other Telecom approvals as required by individual countries.
Sustainable impact specifications	15% post-consumer recycled plastic
Country of origin	Made in China
What's in the box[1]	5HH64F HP Color LaserJet Pro 4302fdw Printer; 4 preinstalled HP LaserJet Toner cartridges (Black: 2,000 pages, Introductory-Cyan, Magenta, Yellow: 1,000 pages); In-box documentation (Reference Guide, Setup Card); Warranty card (Where required); HP printer software is available at https://www.hp.com/support; Power cord; USB cable, Fax cable (Switzerland only).
Warranty	One-year, next-business day, on site warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to hp.com/support to learn about HP award winning service and support options in your region (warranty code 4G; warranty IDA001).

Footnotes

[1] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®.

[2] Standard print mode for HP Color LaserJet Pro series with HP TerraJet technology compared to predecessors. See hp.com/TerraJetcolors.

[3] HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin.

[4] Easy set up and manage - Requires use of Smart Admin Dashboard for printer setup and onboarding of users.

[5] Plastic reduction calculated per page based on cartridge weight in grams and stated yield in HP TerraJet Cartridges compared to predecessors. See hp.com/TerraJetplasticreductions.

[6] HP calculations based on normalized Energy Star® TEC data in HP TerraJet Cartridges compared to predecessors. See hp.com/TerraJetenergysaving.

[7] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

[8] Smart app: Requires the HP Smart app download. For details on local printing requirements see www.hp.com/go/mobileprinting. Certain features/software are available in English language only and differ between desktop and mobile applications. Subscription may be required.

[9] Based on monthly subscription cost of HP Instant Ink color toner service 1,500-page plan without purchase of additional sets of pages compared to cost per page to print ISO/IEC 24711 pages on most in-class, traditional A4 color toner cartridge printers <$639 USD and <€759 and MFPs priced <$839 USD and <€929 using original standard-capacity integrated cartridges (toner and drum in one cartridge). Average CPP per country used to determine percent savings claim versus CPP for HP Instant Ink. Sale prices, along with return program supplies, not considered for this study. Printers which only use XL cartridges excluded due to non-standard hardware & supplies model. Keypoint Intelligence April 2022 study commissioned by HP, based on publicly available information as of April 20, 2022. Printers selected by market share in IDC Quarterly Hardcopy Peripherals Tracker – Final Historical Q3 2021. For details: www.keypointintelligence.com/HPInstantInk

[10] Automatic delivery and consolidated bill- Printers require direct connection to the Internet for program participation. Internet access sold separately.

[11] Recycling - Program availability varies. Original HP cartridge return and recycling is currently available in more than 60 countries, territories and regions in Asia, Africa, Europe, and North and South America through the HP Planet Partners program. For details, see hp.com/recycle.

[12] Never run out - Based on plan usage, Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.

[13] Change or cancel - Change or cancel your plan at any time online. If you decide to cancel your HP Instant Ink you can go back to using HP original Standard or XL cartridges. Plan upgrades are effective immediately and the charges will be applied retrospectively or in the next billing cycle, depending on user choice. Plan downgrades and cancellations are effective after the last day of the current billing period. For full details go to hpinstantink.com/terms

[14] HP Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager.

Technical specifications disclaimers

[1] For yield information on the cartridge(s) included with your printer, see http://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.

[2] Declared yields 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/toneryield

[3] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.

[4] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). Blue Angel TEC based on 230V test result; ENERGY STAR TEC data based on 115V test result.