Data sheet

# HP Color LaserJet Pro MFP 4302dw Printer

## Colorful productivity. Seamless set up

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)
- 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 simplex ADF scanning

### Maximum productivity in full color

- Support your business with this compact, high-performing, color printer, ideal for up to 10 users.
- Step up your workflow with blazing fast speed to meet high-demand environments.
- Avoid interruptions with Wi-Fi® that intelligently looks for the most stable connection to stay on-line. [6]
- Look professional on every page with high-quality printing, true-to-life colors and sharp details. [14]

### Seamless management [3]

- Centralize your print management. HP Web Jetadmin easily adds and updates devices and solutions. [3]
- Set up your printers quickly so you can focus more on your business. Make it easy for your team to set up and get back to what matters. [1]
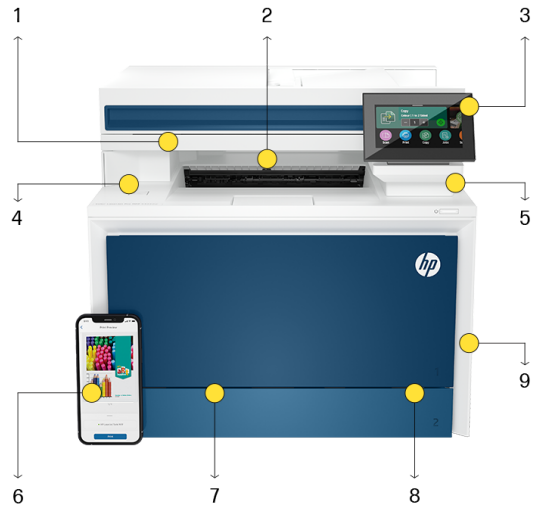
### HP Wolf Pro Security

- Get printer security out of the box. Preconfigured settings mean it's ready when you are.
- 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. [7]

### Sustainable printing [4,12,13]

- Redesigned Original HP TerraJet Cartridge for reduced plastic use and energy consumption when printing. [12,13]
- 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. [5]

# Product walkaround

1. Automatic 2-sided printing
2. Print speeds up to 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) |
| Accessories | **28N93A** HP Color LaserJet 550 Sheet Paper Tray |
| Service and Support | **U51Z1E** HP 3 year Next Business Day Onsite Service for Color LaserJet Pro MFP 430x<br>**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 4302dw Printer |
| Product number | 4RA83F |
| Functions | Print, copy, scan |
| 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 10.5 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[7] | 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 |
| 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 (b&w), up to 26 ppm (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:** No; **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 | No |
| Processor speed | 1200 MHz |
| **Connectivity** | |
| Mobile printing capability | HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing |
| Supported network protocols | TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, 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-Fi 5) |
| 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 |
| Media weight | 60 to 163 g/m² (up to 176 g/m² postcards, up to 200 g/m² HP Color laser glossy photo papers) |
| 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 Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux; Citrix; Chrome 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, Security Manager, HP SNMP Proxy Agent (Part of HP WebJetAdmin), HP WS Pro Proxy Agent (Part of HP WebJetAdmin), 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[6] | **Acoustic power emissions:** 6.1 B(A) **Acoustic pressure emissions:** 50 dB(A) |
| Power[5] | **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)**[1]: 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[2] | UL/cUL (US/Canada); RCM (Australia); TÜV 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.<br>**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.<br>IT ECO Declaration; Blue Angel<br>**Blue Angel compliant** Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies<br>**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. |
| Sustainable impact specifications | 15% post-consumer recycled plastic |
| Country of origin | Made in China |
| What's in the box[3] | 4RA83F HP Color LaserJet Pro MFP 4302dw 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. |
| Warranty | One-year, next-business day, onsite 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 ID A001). |

## Footnotes

[1] Requires HP app download available at www.hp.com/go/mobileprinting. Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. Fax capabilities are for sending a fax only. List of supported operating systems available in app stores. See details at www.hpsmart.com.

[2] Requires use of Smart Admin Dashboard for printer setup and onboarding of users.

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

[4] HP calculations based on ENERGY STAR® normalized TEC data comparing HP LaserJet 200-500 series printers at launch. See hp.com/ecosmart

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

[6] 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 112 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/mobileprinting.

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

[12] 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.

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

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

## Technical specifications disclaimers

[1] 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. Please be aware that HP LaserJet Pro 4201 and MFP 4301 series products are ENERGY STAR 3.0 certified in the US and the functionally equivalent HP LaserJet Pro 4202 and MFP 4302 series meet ecolabel energy efficiency limits.

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

[3] 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.

[5] Values based on 115V test results based on ES test method.

[6] Configuration tested: base model, simplex printing, A4 paper at an average of 33 ppm.

[7] 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.