Data sheet

HP Color LaserJet Pro MFP 4302fdn Printer

Colourful productivity. Seamless set up

Get a blazing fast colour 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)
- 50 sheet ADF with single-pass, two-sided scanning

Maximum productivity in full colour

- Support your business workteam with this compact, high-performing, colour printer, ideal for up to 10 users.
- Step up your workflow with blazing fast speed to meet high-demand environments.
- Look professional on every page with high-quality printing, true-to-life colours and sharp details. [14]

Seamless management [3]

- Centralise 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

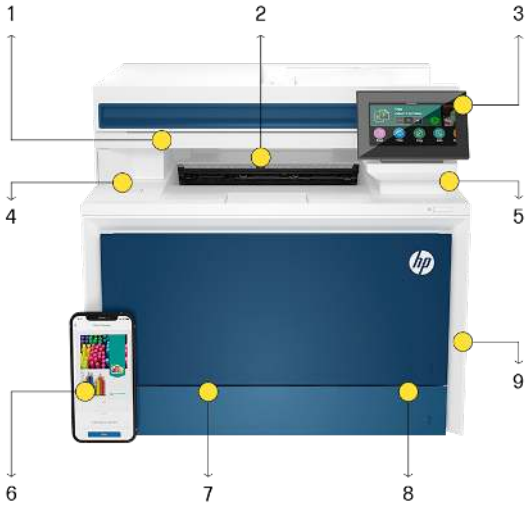
- Get printer security out of the box. Preconfigured settings mean it's ready when you are.
- Add a layer of security. PIN/pull option authenticates your print jobs only when you're present.
- Strengthen and simplify compliance. This upgrade applies your business policies across the fleet. [7]

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 optimises printer energy usage and costs. [5]

Product walkaround

1. Automatic 2-sided printing and scanning
2. Print speeds up to 33 ppm A4, 300-sheet standard paper capacity
3. 4.3-inch color touchscreen
4. High-Speed USB ports, built-in fast 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 **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 4302fdn Printer**
Product number	4RA84F
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 10.5 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; Up to 38,400 x 600 enhanced 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 PCL 5c, 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, up to 26 ppm ;**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; **Optical scan resolution**: Up to 1200 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 Gigabit Ethernet 10/100/1000 Base-TX network; 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); Walk-up USB; Auto-crossover Ethernet
Mobile printing capability	HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified
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
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

Model	**HP Color LaserJet Pro MFP 4302fdn Printer**
Product number	4RA84F
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; macOS 13 Ventura; 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); **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); 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 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.
Country of origin	Made in China
What's in the box[3]	4RA84F HP Color LaserJet Pro 4302fdn Printer; 4 preinstalled HP LaserJet Toner cartridges (Black: 2,000 pages, Introductory-Cyan, Magenta, Yellow: 1000 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; Fax cable (Switzerland only).
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® normalised 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/TerraJet/plasticreductions.
[13] HP calculations based on Energy Star® normalised 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/TerraJet/colors.

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.

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