Data sheet

HP Color LaserJet Pro 4202dw Printer

Colourful productivity. Seamless set up.

Get a blazing fast colour printer and easy set up 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)

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.
- Avoid interruptions with Wi-Fi® that intelligently looks for the most stable connection to stay on-line.[1]
- Look professional on every page with high-quality printing, true-to-life colours and sharp details.[2]

Quickly set up your printers.

- Quickly set up your printers so you can focus more on your business.
- Streamlined set up makes it easy for your team to set up and get back to what matters.

Advance your security with HP Wolf Pro

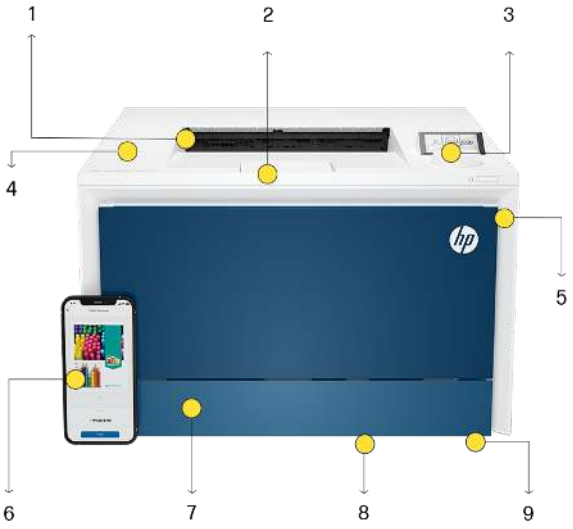
- Get printer fleet security out of the box. Preconfigured settings mean it's ready when you are.
- Add a layer of security. PIN/pull option authenticates your print jobs only when you're present.
- Strengthen and simplify compliance. This upgrade/solution applies your business policies across the fleet.[5]

Sustainable printing [6,7,8]

- Redesigned Original HP TerraJet Cartridge for reduced plastic use and energy consumption when printing.[8,9]
- 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.[10]
- We take recycling full circle. Our toner cartridges reuse plastic and can be mailed back after use.[7]

Product walkaround

1. Automatic 2-sided printing
2. Print speeds up to 33 ppm A4, 300-sheet standard paper capacity
3. Twist and click speed dial with 4-line LCD
4. Walk-up USB for print
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. Dual-band Wi-Fi® with self-heal, and Ethernet



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)
Service and Support	**U51Y5E** HP 3 year Next Business Day Onsite Service for Color LaserJet Pro 420x **U51YGPE** - HP 1 year Post Warranty Next Business Day Onsite Service for Color LaserJet Pro 420x

Technical specifications

Model	HP Color LaserJet Pro 4202dw Printer
Product number	4RA88F
Functions	Print
Control panel	4-line LCD with rotational dial with push button for menu selection
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
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 quality 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
Fax	
Fax	No
Processor speed	1200 MHz
Connectivity	
Standard	1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); 1 Wi-Fi 802.11b/g/n; 1 Wi-Fi 802.3az; 1 Wi-Fi Direct; Walk-up USB; Auto-crossover Ethernet; 1 Gigabit Ethernet 10/100TX network
Mobile printing capability	HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wireless 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 10/100Base-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
Media handling	**Standard input:** 50-sheet multipurpose tray, 250-sheet input tray **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)
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; macOS 15 Sequoia; Linux; Citrix; Chrome OS
Compatible network operating systems	Windows Server; macOS 15 Sequoia; Linux; Citrix; UNIX; Novell; SAP
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 or 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 427 x 288 mm; **Maximum**: 421 x 636 x 420mm
Printer weight	~16.33 kg
Operating environment	**Temperature**: 10 to 32.5°C **Humidity**: 30 to 70% RH (non-condensing)
Storage conditions	**Temperature**: -20 to 40°C
Acoustics[5]	**Acoustic power emissions**: 6.2 B(A) **Acoustic pressure emissions**: 51 dB(A)
Power[5]	**Requirements**: 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz); **Consumption**: 580 watts (active printing), 17 watts (ready), 0.7 watts (sleep), 0.7watts (HP auto-off/auto-on), 0.07 watts (auto-off/manual-on), 0.07 watts (off); **Typical Electricity Consumption (TEC)**: 0.370 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[1]	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**[2] 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.
Country of origin	Made in Vietnam
What's in the box[3]	4RA88F HP Color LaserJet Pro 4202dw Printer; 4 preinstalled introductory HP LaserJet Toner Cartridges (Black: 1,200 pages; Cyan, Magenta, Yellow: 1,000 pages); In-box documentation (Reference guide, Setup Card), Regulatory flyer; HP printer software is available at https://www.hp.com/support; Power cord; USB cable. ~1,200 pages black, ~1,000 pages cyan, magenta, yellow composite yield
Warranty	One-year Bench/Depot Repair warranty. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to https://www.hp.com/support to learn about HP award winning service and support options in your region. (warranty code 4E; warranty ID A033)
Engine life	100000

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®. 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) vs 2.4 GHz band (up to 72.2 mbps). Internet access required and must be purchased separately.
[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.
[5] HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager.
[6] HP calculations based on ENERGY STAR® normalised TEC data comparing HP LaserJet 200-500 series printers at launch. See hp.com/ecosmart.
[7] 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
[8] 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.
[9] HP calculations based on Energy Star® normalised TEC data in HP TerraJet Cartridges compared to predecessors. See hp.com/TerraJetenergysaving.
[10] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.
[11] 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.

Technical specifications disclaimers

[1] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country. 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] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh). ENERGY STAR TEC data based on 115V test result; Blue Angel TEC based on 230V test result.
[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 Energy Star test method.
[6] Configuration tested: base model, simplex printing, A4 paper at an average of 34 ppm.
[7] Measured using ISO 24734 Feature Test, A5 Landscape Feed. Speed may vary based on content, PC, media orientation, and media type.

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