



HP Color LaserJet Pro MFP 4301fdn/fdw Printer series

Fast color printing and easy management tools.

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:



HP Color LaserJet Pro MFP 4301fdn Printer



HP Color LaserJet Pro MFP 4301fdw Printer

Maximum productivity in full color

- Support your business workteam 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

Seamless management

- 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.

HP Wolf Pro Security

- 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 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.
- Meet the industry standard for efficiency with Energy Star® rating.⁴
- Reduce your footprint. HP Auto-On/Auto-Off technology optimizes printer energy usage and costs.⁵

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 <http://123.hp.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/TerraJet/plasticreductions. ¹³ HP calculations based on Energy Star® normalized TEC data in HP TerraJet Cartridges compared to predecessors. See hp.com/TerraJet/energysaving. ¹⁴ Standard print mode for HP Color LaserJet Pro series with HP TerraJet technology compared to predecessors. See hp.com/TerraJet/colors.

Product walkaround

- 1. Designed for workteams of up to 10 users
- 2. Walk up USB for print and scan via flash drive
- 3. 50-sheet multipurpose tray 1
- 4. USB 2.0 for PC connection
- 5. Ethernet Port
- 6. Hi-Speed USB 2.0 port for job storage
- 7. Fax line in (fax models only)
- 8. Extension phone port (fax models only)
- 9. 50-page automatic document feeder
- 10. Dual-band Wi-Fi® with self-heal (wireless models only), and Ethernet
- 11. 4.3" Capacitive touchscreen (all input functions)
- 12. 150-sheet output bin
- 13. Power button
- 14. More true-to-life colors with HP TerraJet Toner
- 15. Pre-configured security settings
- 16. Print speeds up to 35 ppm (letter)/33 ppm (A4), 300-sheet standard paper capacity
- 17. 250-sheet tray 2



Series at a glance



Model	HP Color LaserJet Pro MFP 4301fdn Printer	HP Color LaserJet Pro MFP 4301fdw Printer
Product number	4RA81F	4RA82F
Functions	Print, scan, copy, fax. 50-page automatic document feeder with single-pass, two-sided scanning.	
Automatic two-sided printing	Yes	
Automatic two-sided scanning	Yes	
Connectivity	Ethernet	Dual-band Wi-Fi®¹, Bluetooth®, Wi-Fi® Direct¹, and Ethernet
User interface	4.3-inch color touchscreen	
Productivity	Print speeds up to 35 ppm (Letter)/ 33 ppm (A4), 300-sheet standard paper capacity	
User and Volume	3-10 people printing up to 4,000 pages per month	

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc



Top features

Compact design with groundbreaking performance. High-speed, double-sided printing and self-healing Wi-Fi®.⁶

Robust management tools to set up your printers, onboard users, track toner levels, and manage security.³

HP LaserJet Pro printers operate efficiently, so you can achieve more while using less.⁴

Accessories
28N93A HP Color LaserJet 550 Sheet Paper Tray

Solutions

Security: HP Security Manager; HP Secure Print and Insights; Optional Smart Security

Mobile and universal print: HP Universal Print Driver (UPD); HP Print for Chrome Extension; HP Smart Printing Driver; HP Smart UPD; HP Smart App
Management: Embedded Web Server

Services

U51Z1E	- HP 3 year Next Business Day Onsite Service for Color LaserJet Pro MFP 430x
U51Z5E	- HP 3 year 4 hour 9x5 Onsite Service for Color LaserJet Pro MFP 430x
U51Z8E	- HP 3 year Channel Parts Exchange Service for Color LaserJet Pro MFP 430x
U51ZCPE	- HP 1 year Post Warranty Next Business Day Onsite Service for Color LaserJet Pro MFP 430x
U51ZDPE	- HP 1 year Post Warranty 4 hour 9x5 Onsite Service for Color LaserJet Pro MFP 430x
U51ZFPE	- HP 1 year Post Warranty Channel Parts Exchange Service for Color LaserJet Pro MFP 430x
U9JT1E	- HP Installation with Networking Service for Personal Scanner and Printing

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 <http://123.hp.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/TerraJet/plasticreductions. ¹³ HP calculations based on Energy Star® normalized TEC data in HP TerraJet Cartridges compared to predecessors. See hp.com/TerraJet/energysaving. ¹⁴ Standard print mode for HP Color LaserJet Pro series with HP TerraJet technology compared to predecessors. See hp.com/TerraJet/colors.

HP Color LaserJet Pro MFP 4301-4303dw/fdn/fdw Printer series

Model	HP Color LaserJet Pro MFP 4301fdn Printer		HP Color LaserJet Pro MFP 4301fdw Printer
Product number	4RA81F		4RA82F
AIO functions	Print, copy, scan, fax		
Print			
Print speed,	First page out Letter: As fast as 9.1 sec Black; As fast as 10 sec Color; First page out A4: As fast as 9.5 sec Black; As fast as 10.5 sec Color; Letter: Up to 35 ppm Black; Up to 35 ppm Color; A4: Up to 33 ppm Black; Up to 33 ppm Color; 2-sided Letter: Up to 31 ipm Black; Up to 31 ipm Color; 2-sided A4: Up to 29 ipm Black; Up to 29 ipm Color		
Print resolution	Black (best): Up to 600 x 600 dpi; Up to 38,400 x 600 enhanced dpi; Black (normal): ImageREt 2400, HP premium print quality mode (600 x 600 dpi) Color (best): Up to 600 x 600 dpi; Color (normal): ImageREt 2400, HP premium print quality mode (600 x 600 dpi)		
Print technology	Laser; Print resolution technology: HP ImageREt 2400		
Print cartridges number	4 (1 each black, cyan, magenta, yellow)		
Standard print languages	HP PCL 6, HP PCL 5e, HP PCL 5c, HP Postscript level 3 emulation, PDF, URF, PWG Raster, Native Office		
Printer smart software features	Automatic duplex, collation, watermarks, printable forms, quiet mode, HP premium print mode, accepts a variety of paper sizes and types		
Printer management	HP Web JetAdmin Software, 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 app Universal Print Driver (Driver Configuration, Utility - Driver, Deployment Utility - Managed Printing Administrator)		
Scan			
Scan type / Technology	Type: Flatbed, ADF; Technology: Contact Image Sensor (CIS); Twain version: Version 2.3		
Scan resolution	Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi		
Scan file format	PDF; JPG; TIFF		
Scan input modes	Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA		
Scan Size	ADF: 8.5 x 14 in Maximum; 4.1 x 5.8 in Minimum; Flatbed: 8.5 x 11.7 in		
Scan speed	Up to 31 ppm, up to 28ppm Letter; Up to 29 ppm, up to 26 ppm A4; Duplex: Up to 46 ipm (b&w), up to 37 ipm (color) Letter; Up to 44 ipm (b&w), up to 35 ipm (color) A4		
Scanner advanced features	Windows HP Scan SW supports PDF, JPG, RTF, TXT, BMP, PNG, TIFF. Mac HP Easy Scan SW supports PDF, JPG, RTF, TXT, JPG-2000, PNG, TIFF.		
Bit depth / Grayscale levels	30-bit / 256		
Digital sending standard features	Scan to SharePoint; Scan to One Drive; Scan to email		
Copy			
Copy speed	Letter: Up to 35 cpm Black; Up to 35 cpm Color; A4: Up to 33 cpm Black; Up to 33 cpm Color; First copy out Letter: As fast as 7.5 sec Black; As fast as 10 sec Color; First copy out A4: As fast as 7.6 sec Black; As fast as 10 sec Color; 2-sided Letter: Up to 31 cpm Black; Up to 31 cpm Color; 2-sided A4: Up to 29 cpm Black; Up to 29 cpm Color		
Copy resolution	Color (text and graphics): Up to 600 x 600 dpi		
Maximum Number of Copies	Up to 999 copies		
Copier resize	25 to 400%		
Copier settings	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)		
Fax			
Fax speed	Up to:33.6 kbps / Letter:5 sec per page		
Fax resolution	Black (best): Up to 300 x 300 dpi; Black (standard): 200 x 100 dpi		
Fax Features	Fax memory: Up to 500 pages; Auto fax reduction supported: Yes; Auto-redialing: Yes; Fax delayed sending: Yes; Distinctive ring detection supported: Yes; Fax forwarding supported: Yes; Fax phone TAM interface supported: Yes; Fax polling supported: No; Fax telephone mode supported: Yes; Junk barrier supported: Yes, as blocked fax numbers; Maximum speed dialing numbers: Up to 100 numbers; PC interface supported: Yes; Remote retrieval capability supported: No; Telephone handset supported: No		
Connectivity			
Standard connectivity	1 Gigabit Ethernet 10/100TX network; 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); 1 RJ-11 Fax/Modem port/phone line; Auto-crossover Ethernet; Walk-up USB	1 Gigabit Ethernet 10/100TX network; 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); 1 RJ-11 Fax/Modem port/phone line; 1 Wi-Fi 802.11ac (dual band); 1 Wi-Fi Direct; Auto-crossover Ethernet; Walk-up USB	
Network capabilities	Yes, via built-in 10/100Base-Tx Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1x	Yes, via built-in 10/100Base-Tx Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1x; 802.11ac (Wi-Fi 5)	
Wireless capability		Yes, built-in dual-band Wi-Fi (Wi-Fi 5); Authentication via WEP, WPA/WPA2/WPA3, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct	
Mobile printing capability	Apple AirPrint™; Mobile Apps; Mopria™ certified; HP app	Apple AirPrint™; Mobile Apps; Mopria™ certified; HP app; Wi-Fi® Direct Printing	
Memory	Standard: 512 MB NAND Flash, 512 MB DRAM; Maximum: 512 MB NAND Flash, 512 MB DRAM		
Processor speed	1200 MHz		
Storage	Standard: Optional Job Storage via external rear host USB port (minimum 16 GB)		
Duty cycle (monthly) ⁷	Letter: Up to 50,000 pages; A4: Up to 50,000 pages; Recommended monthly page volume: 750 to 4,000		

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Model	HP Color LaserJet Pro MFP 4301fdn Printer		HP Color LaserJet Pro MFP 4301fdw Printer
Product number	4RA81F		4RA82F
Paper handling			
Input	Standard: 50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF); Up to 300 sheets ; Up to 15 envelopes; Maximum: Up to 850 sheets (with Optional 550-sheet tray)		
Output	Up to 150 sheets Standard; Maximum: Up to 150 sheets		
Duplex Options	Automatic		
Auto document feeder capacity	Standard, 50 sheets uncurled; Duplex ADF scanning: Yes		
Envelope feeder	No		
Standard paper trays	Standard: 2; Maximum: 3		
Media types	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes		
Media Sizes Custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional Tray 3: 3.93 x 5.82 to 8.5 x 14 in; Duplex (all trays): 5.82 x 5.82 in to 8.5 x 14 in		
Dimensions (W x D x H)	16.6 x 17.1 x 15.1 in; 421 x 435 x 384 mm; Maximum: 16.6 x 27 x 30 in (with optional 550-sheet tray 3); 421 x 686 x 761 mm (with optional 550-sheet tray 3)		
Weight	~45 lb; ~20.4 kg		
What's in the box ¹	HP Color LaserJet Pro 4301fdn; 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 www.hp.com/support ; Power cord; fax cable (New Zealand only).	HP Color LaserJet Pro 4301fdw; 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 www.hp.com/support ; Power cord; USB cable; fax cable (New Zealand only).	
Page yield (set-up/inbox cartridges)	~2,000 pages black, ~1,000 pages cyan, magenta, yellow composite yield		
Replacement cartridges ²	HP 210A Black Original LaserJet Toner Cartridge (~2,000 pages) W2100A; HP 210A Cyan Original LaserJet Toner Cartridge (~1,800 pages) W2101A; HP 210A Yellow Original LaserJet Toner Cartridge (~1,800 pages) W2102A; HP 210A Magenta Original LaserJet Toner Cartridge (~1,800 pages) W2103A; HP 210X Black Original LaserJet Toner Cartridge (~7,500 pages) W2100X; HP 210X Cyan Original LaserJet Toner Cartridge (~5,500 pages) W2101X; HP 210X Yellow Original LaserJet Toner Cartridge (~5,500 pages) W2102X; HP 210X Magenta Original LaserJet Toner Cartridge (~5,500 pages) W2103X		
Orderable supplies			
Warranty features	One-year, onsite repair. 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.		
Energy star certified	No		
Ecolabels ³	IT ECO Declaration; EPEAT® Silver Australia; EPEAT® Silver Canada; EPEAT® Silver US; ENERGY STAR® certified		
Sustainable impact specifications	ENERGY STAR® certified; EPEAT® registered; Contains post-consumer recycled plastic		
Control panel	4.3" Capacitive touchscreen (all input functions)		
Display	4.3" diagonal WLED-backlit anti-glare (480X272)		
Software included	No software solutions are included in the Box only on http://hp.com http://123.hp.com ;		
Fonts and typefaces	111 scalable TrueType fonts		
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	PC: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 ;		
Power ⁴	Power supply type: Internal (Built-in) power supply; Power supply required: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier); Power consumption ⁵ : 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) number: 0.422 kWh/Week (Energy Star 3.0)	Power supply type: Internal (Built-in) power supply; Power supply required: 110-volt input voltage: 110 to 127 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier); Power consumption ⁵ : 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) number: 1.423 kWh/Week (Blue Angel); 0.422 kWh/Week (Energy Star 3.0)	
Acoustics ⁶	Acoustic power emissions: 6.1 B(A)		
Operating environment	Operating temperature range: 50 to 90.5°F ; Recommended operating temperature: 59 to 80.6°F ; Storage temperature range: -4 to 104°F ; Operating humidity range: 10 to 80% RH (non-condensing) ; Recommended operating humidity range: 30 to 70% RH (non-condensing)		
Country of origin	China(BGM, B1H, BGJ); Thailand(B1H, BGJ)		China(BGM, BGJ); Thailand(BGM, BGJ)

- 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. 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.
- 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.
- 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.

To learn more, visit hp.com

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April 2026

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