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]

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
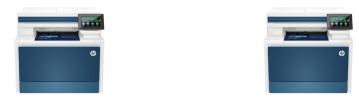16. Print speeds up to 35 ppm (letter)/33 ppm (A4), 300-sheet standard paper capacity
17. 250-sheet tray 2

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® Direct[1], 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

Workflow:

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: HP Web JetAdmin; HP Smart Device Services (SDS); HP Smart Admin; Embedded Web Server; HP Smart Printer Administrator's Resource Kit

Services

U51Z0E – HP 2 year Next Business Day Onsite Service for Color LaserJet Pro MFP 430x

U51Z1E – HP 3 year Next Business Day Onsite Service for Color LaserJet Pro MFP 430x

U51Z2E – HP 4 year Next Business Day Onsite Service for Color LaserJet Pro MFP 430x

U51Z3E – HP 5 year Next Business Day Onsite Service for Color LaserJet Pro MFP 430x

U51Z4E – HP 2 year 4 hour 9x5 Onsite Service for Color LaserJet Pro MFP 430x

U51Z5E – HP 3 year 4 hour 9x5 Onsite Service for Color LaserJet Pro MFP 430x

U51Z6E – HP 4 year 4 hour 9x5 Onsite Service for Color LaserJet Pro MFP 430x

U51Z7E – HP 5 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

U51Z9E – HP 4 year Channel Parts Exchange Service for Color LaserJet Pro MFP 430x

U51ZBE – HP 5 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

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	
Print resolution	**Black (best)** Up to 600 × 600 dpi; Up to 38,400 × 600 enhanced dpi; **Black (normal)** ImageREt 2400, HP premium print quality mode (600 × 600 dpi) **Color (best):** Up to 600 × 600 dpi; **Color (normal):** ImageREt 2400, HP premium print quality mode (600 × 600 dpi)	
Print technology	Laser; **Print resolution technology:** HP ImageREt 2400, PANTONE® calibrated	
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 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)	
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 x 6 in Minimum; **Flatbed:** 8.5 x 11.7 in	
Scan speed	Up to 31ppm, 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	
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 × 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 × 300 dpi; **Black (standard):** 200 × 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 10/100/1000 Base-TX network; 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); Walk-up USB; Auto-crossover Ethernet	1 Gigabit Ethernet 10/100/1000 Base-TX network; 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); 1 Wi-Fi 802.11ac (dual band); 1 Wi-Fi Direct; Walk-up USB; Auto-crossover Ethernet
Network capabilities	Yes, via built-in 10/100/1000Base-Tx Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1x	Yes, via built-in 10/100/1000Base-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	HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified	HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified; 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	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	

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
Paper handling		
Input	50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF); Up to 300 sheets Standard; Up to 15 envelopes	
Output	**Standard:** 150-sheet output bin; Up to 150 sheets Standard	
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).
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, 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. (wty code 4G; wty ID A001)	
Energy star certified	No	
Energy efficiency compliance[3]	IT ECO Declaration; EPEAT® Silver Australia; EPEAT® Silver Canada; EPEAT® Silver US; ENERGY STAR® certified	
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; Linux; Citrix; Chrome OS	
Compatible network operating systems	SAP; Novell; UNIX; Citrix; Linux; Windows Server	
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)	

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