



HP Color LaserJet Pro MFP 4301fdw Printer (4RA82F)



Overview

Fast color printing and easy management tools.

Get a blazing fast color printer and easy management tools with LaserJet Pro.

Maximum productivity in full color

Support your business workteam with this compact, high-performing, color printer, ideal for up to 10 users.

HP Wolf Pro Security

Get printer fleet security out of the box. Preconfigured settings mean it's ready when you are.

Seamless management

Centralize your print management. HP Web Jetadmin easily adds and updates devices and solutions.[3]

Sustainable printing [4,12,13]

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

Features

Business team solution

Blazing fast speed

Self-healing Wi-Fi.[6]^[6]

True-to-life colors [14]^[14]

[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

[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.

[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.

Specifications

Print Resolution Technologies	HP ImageREt 2400, PANTONE® calibrated
Print quality black (best)	Up to 600 x 600 dpi; Up to 38,400 x 600 enhanced dpi
Print quality color (best)	Up to 600 x 600 dpi
Print speed black (ISO, A4)	Up to 33 ppm
Print speed black (ISO, letter)	Up to 35 ppm
Print Speed Color (ISO)	Up to 33 ppm
Print speed color (ISO)	Up to 35 ppm
Print speed	Print speed up to 35/33 ppm black & color (letter/A4)
Functions	Print, copy, scan, fax
Duplex printing	Automatic
Duty cycle (monthly, A4)	Up to 50,000 pages
Duty cycle (monthly, letter)	Up to 50,000 pages ^[7]
Printer smart software features	Automatic duplex, collation, watermarks, printable forms, quiet mode, HP premium print mode, accepts a variety of paper sizes and types
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Replacement cartridges	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 ^[2]
Supplies feature	TerraJet Cartridge
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); 1 Wi-Fi 802.11ac (dual band); 1 Wi-Fi Direct; Walk-up USB; Auto-crossover Ethernet
Modem	33.6 kbps
Network capabilities	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; Wi-Fi® Direct Printing

Network protocols, supported	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
Software included	No software solutions are included in the Box only on http://hp.com http://123.hp.com ;
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 <i>(Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see http://citrixready.citrix.com; Citrix Server 6.5; Citrix XenApp & XenDesktop 7.6, Linux- For more information see http://developers.hp.com/hp-linux-imaging-and-printing; Novell iPrint server; Unix- For more information see http://hp.com/go/unixmodelscripts; Windows Server 2008 R2 64-bit ; Windows Server 2012 64-bit; Windows Server 2012 R2 64-bit; Windows Server 2016 64-bit; Windows Server 2019 64-bit; Windows Server 2022 64-bit; (All operating systems with the latest updates); Android; iOS; macOS Big Sur v11.0; macOS Catalina v10.15; macOS Monterey v12.0; macOS's-; Mobile -; Win10; Win11; Windows Client OS (32/64 bit)-;(All operating systems with the latest updates))</i>
Technical features	Fax; Automatic document feeder; Automatic 2-sided printing; Cloud-based fleet management; Compact size; Made with recycled plastic; ENERGY STAR®; Network printing; HP Auto-on/Auto-off; TerraJet Toner; Private Print via PIN; Professional print quality; Scan-to-cloud; Scan-to-email; Scan-to-folder; Touchscreen; Walk-up USB; WiFi Direct
Energy star certified	No
Ecolabels	IT ECO Declaration; EPEAT® Silver Australia; EPEAT® Silver Canada; EPEAT® Silver US; ENERGY STAR® certified
Blue Angel compliant	No, please refer to the ECI (Ecolabel Comparison Information) document
Copy speed (black, normal quality, A4)	Up to 33 cpm
Copy speed (color, normal quality, A4)	Up to 33 cpm
Copy speed black (normal, letter)	Up to 35 cpm
Copy speed color (normal, letter)	Up to 35 cpm
Copy speed black duplex (A4)	Up to 29 cpm
Copy speed black duplex (Letter)	Up to 31 cpm
Fax Resolution Black (best)	Up to 300 x 300 dpi
Faxing	Yes
Scan speed (normal, A4)	Up to 29 ppm, up to 26 ppm
Scan speed (normal, letter)	Up to 31ppm, up to 28ppm
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 technology	Contact Image Sensor (CIS)

Scanner type	Flatbed, ADF
Display area (imperial)	3.74 x 2.1 Inch
Display area (metric)	95 x 53.8 mm
Display	4.3" diagonal WLED-backlit anti-glare (480X272)
Minimum dimensions (W x D x H)	421 x 435 x 384 mm
Minimum dimensions (W x D x H)	16.6 x 17.1 x 15.1 in
Weight	~20.4 kg
Weight	~45 lb
Power 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) ^[5] <i>([5] Values based on 115V test results based on ES test method.)</i>
Power supply type	Internal (Built-in) power supply
What's in the box	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). ^[1]
Manufacturer 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. (wty code 4G; wty ID A001)

Additional specifications

Acoustic power emissions (active scan)	6.0 B(A)
Acoustic power emissions (active, printing)	6.1 B(A)
Acoustic power emissions (ready)	Inaudible
Acoustic power note	[6] Configuration tested: base model, simplex printing, A4 paper at an average of 33 ppm.
Acoustic pressure emissions bystander (active scan)	48 dB(A)
Acoustic pressure emissions bystander (active, printing)	50 dB(A)
Acoustic pressure emissions bystander (ready)	Inaudible
Additional information about HP	http://www.hp.com
Additional information about HP in the countries	hp.com
Auto fax reduction supported	Yes
Automatic document feeder capacity	Standard, 50 sheets uncurled
Automatic paper sensor	No
Bit depth	30-bit
Bottom margin (A4)	4.23 mm
Business filter	cMPS
Cable included	Yes, 1 USB cable. Yes, Fax cable, New Zealand only
Cartons per layer	4
Certifications and compliances	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.
Color or black	Color
Color scanning	Yes
Compatible Network Operating Systems	SAP; Novell; UNIX; Citrix; Linux; Windows Server
Component type	Printer
Connection type	Wireless
Control panel	4.3" Capacitive touchscreen (all input functions)

Copier scaling (ADF)	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)
Copies, maximum	Up to 999 copies
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black text)	Up to 600 x 600 dpi
Copy resolution (color text and graphics)	Up to 600 x 600 dpi
Copy speed color duplex (A4)	Up to 29 cpm
Copy speed color duplex (Letter)	Up to 31 cpm
Count of layers in pallet	5 (NA), 4 (EMEA/APJ)
Country of origin	Made in China
Datasheet photo 1	AHID/6ec2015402daa4c70ce25988a0b039d6884e24a8
Datasheet photo 4	Publication photos/4301-Walkaround.jpg
Distinctive ring detection supported	Yes

Downloadable software

From <http://123.hp.com>- HP Easy Start (Guided Software Install for Windows and Mac), From <http://hp.com> for Windows OS- Full-solution software and drivers, Basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, Product Documentation and Support, From <http://hp.com> for Mac OS-, HP Mac OS Print Driver, HP Easy Admin, For Mobile OS-, iOS For more information see: <http://hp.com/go/businessmobileprinting>, Android For more information see: <http://hp.com/go/businessmobileprinting>, From <http://hp.com> for printer administrators-, Printer Administrator Resource Kit (Driver Configuration, Utility - Driver Deployment Utility - Managed Printing Administrator), HP Universal Print Drivers PCL6 GDI & PS GDI for Windows. For more information on the supported operating systems go to <http://support.hp.com>, SAP Print Drivers for more information see <http://support.hp.com/us-en/document/c05051702>, HP Web JetAdmin, HP JetAdvantage Security Manager, HPLIP Linux, Printer Driver for more information see <http://hplipopensource.com/hplip-web/index.html>, Unix Model Script Printer Driver for more information see <http://hp.com/go/unixmodelscripts>, For more information on the supported operating systems go to <http://support.hp.com>, Enter your product name and search, Click on User Guides and enter your product name and search for User Guide, Search for your (Product Name) - User Guide, Search for the Supported Operating Systems section, Supported Operating systems, For more information on the supported operating systems also see www.hp.com/go/upd, HP Smart Suite- Basic, HP Smart Suite- Advanced, HP SmartApp, HP SmartDriver, HP PrintScanDr, HP WebJetAdmin + Workpath, HP Command Center, Chrome Extension, Android Plug-in

Driver updates	Current HP printer drivers and software can be obtained from the HP Customer Care Web site: Go to http://www.hp.com/support/ (country/region may need to be selected) Select “Support”; Select “Software and Drivers”, Select “Printer”, Enter a product name/number, (The operating system is automatically detected), Select a driver or other software, Select “Download” for the software desired
Duplex ADF scanning	Yes
Duty cycle note	[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.
Dynamic security	Dynamic security enabled printer
Ecolabels footnote	EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
Electromagnetic compatibility	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.
Engine life	100000
Enhanced scanning resolution	Up to 1200 dpi
Envelope Feeder	No
Fax Auto Redial	Yes
Fax Broadcast Locations	0
Fax PC Interface Supported	Yes
Fax Polling	No
Fax Remote Retrieval	No
Fax Speed Dials, Maximum Number	Up to 100 numbers
Fax Transmission Speed	33.6 kbps
Fax Transmission Speed Note	Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
Fax delayed sending	Yes
Fax forwarding	Yes
Fax memory	Up to 500 pages
Fax memory	Up to 500 pages
Fax phone TAM interface supported	Yes
Fax resolution black	Up to 203 x 196 dpi
Fax telephone mode supported	Yes
Fax transmission speed (letter)	5 sec per page
Finished output handling	Sheet feed

First copy out black (A4)	As fast as 7.6 sec
First copy out black (A4, sleep)	As fast as 9.5 sec
First copy out black (letter)	As fast as 7.5 sec
First copy out black (letter, sleep)	As fast as 9.2 sec
First copy out color (A4)	As fast as 10 sec
First copy out color (A4, sleep)	As fast as 10.3 sec
First copy out color (letter)	As fast as 10 sec
First copy out color (letter, sleep)	As fast as 10.0 sec
First page out black (A4, ready)	As fast as 9.5 sec
First page out black (A4, sleep)	As fast as 10.2 sec
First page out black (letter, ready)	As fast as 9.1 sec
First page out black (letter, sleep)	As fast as 10.0 sec
First page out color (A4, ready)	As fast as 10.5 sec
First page out color (A4, sleep)	As fast as 10.5 sec
First page out color (letter, ready)	As fast as 10 sec
First page out color (letter, sleep)	As fast as 10.3 sec
Fonts and typefaces	111 scalable TrueType fonts
Input capacity	Up to 300 sheets
Junk fax barrier	Yes, as blocked fax numbers
Left margin (A4)	4.23 mm
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 15 envelopes
Maximum Memory	512 MB NAND Flash, 512 MB DRAM
Maximum dimensions (W x D x H)	16.6 x 27 x 30 in (with optional 550-sheet tray 3)
Maximum dimensions (W x D x H)	421 x 686 x 761 mm (with optional 550-sheet tray 3)
Maximum input capacity (sheets)	Up to 850 sheets (with Optional 550-sheet tray)
Maximum output capacity (sheets)	Up to 150 sheets
Maximum print area	212 x 352 mm
Media size (ADF)	Letter; Legal; A4; custom sizes 102 x 152 to 216 x 356 mm
Media size, tray 1	A4, A5, A6, B5 (JIS), B6 (JIS), 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), 10 x 15 cm, Oficio (216 x 340 mm), postcards (JIS single, JIS double), envelopes (DL, C5, B5)
Media size, tray 2	A4, A5, A6, B5 (JIS), B6 (JIS), 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm), 10 x 15 cm, Oficio (216 x 340 mm), postcards (JIS single, JIS double), envelopes (DL, C5, B5)

Media size, tray 3	A4; A5; A6; B5 (JIS); B6 (JIS); 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); 10 x 15 cm; Oficio (216 x 340 mm); postcards (JIS single, JIS double)
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes, custom	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 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
Media type and capacity, ADF	Sheets: 50 uncurled
Media type and capacity, tray 1	Sheets: 50; envelopes: 5
Media type and capacity, tray 2	Sheets: 250; envelopes: 10
Media type and capacity, tray 3	Sheets: 550
Media types	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes
Media weight (tray 1)	60 to 176 g/m ² (up to 200 g/m ² with postcards and HP Color laser glossy photo papers)
Media weight (tray 2)	60 to 163 g/m ² paper (up to 176 g/m ² with postcards, up to 200g/m ² HP Color laser glossy photo papers)
Media weight (tray 3)	Optional Tray 3: 60 to 163 g/m ² (up to 176 g/m ² with postcards, up to 200 g/m ² HP Color laser glossy photo papers)
Media weight, supported	60 to 163 g/m ² (up to 176 g/m ² postcards, up to 200 g/m ² HP Color laser glossy photo papers)
Media weights, supported ADF	60 to 120 g/m ²
Media weights, supported ADF	16 to 32 lb
Memory	512 MB NAND Flash, 512 MB DRAM
Minimum System Requirements	2 GB available hard disk space, Internet connection or USB port, Internet browser. For additional OS hardware requirements see microsoft.com;
Minimum System Requirements for Macintosh	2 GB available hard drive space, Internet connection or USB port, Internet browser. For additional OS hardware requirements see apple.com;
Model number	4301fdw
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Number of users	3-10 Users
Operating humidity range	10 to 80% RH (non-condensing)
Operating temperature range	50 to 90.5°F
Operating temperature range	10 to 32.5°C
Output capacity	Up to 150 sheets
Package dimensions (W x D x H)	597 x 497 x 492 mm
Package dimensions (W x D x H)	23.50 x 19.57 x 19.37 in
Package weight	52.0 lb

Package weight	23.6 kg
Page yield (set-up/inbox cartridges)	~2,000 pages black, ~1,000 pages cyan, magenta, yellow composite yield
Pallet dimensions	47.2 x 39.4 x 102.4 in (NA), 47.2 x 39.4 x 83.1 in (EMEA/APJ)
Pallet dimensions (W x D x H)	1200 x 1000 x 2601 mm (NA), 1200 x 1000 x 2111 mm (EMEA/APJ)
Pallet weight	513 kg (NA), 414 kg (EMEA/APJ)
Pallet weight	1130 lb (NA), 913 lb (EMEA/APJ)
Paper handling input, optional	Optional 550-sheet tray
Paper handling input, standard	50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF)
Paper handling output, standard	150-sheet output bin
Paper trays, maximum	3
Paper trays, standard	2
Photo (product photo, jpg, 70x100)	Printers and Multifunction/hp-laserjet-m5035-mfp-series_70x100.jpg
Plug and play	Auto Wireless Connect; HP Smart App
Power	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)
Print Technology	Laser
Print colors	Yes
Print languages	HP PCL 6, HP PCL 5e, HP Postscript level 3 emulation, PDF, URF, PWG Raster, Native Office
Print quality black (normal)	ImageREt 2400, HP premium print quality mode (600 x 600 dpi)
Print resolution color (normal)	ImageREt 2400, HP premium print quality mode (600 x 600 dpi)
Print speed black (Portrait, A5)	Up to 44 ppm
Print speed color (Portrait, A5)	Up to 44 ppm
Print speed duplex (A4)	Up to 29 ipm
Print speed duplex (A4)	Up to 29 ipm
Print speed duplex (letter)	Up to 31 ipm
Print speed duplex (letter)	Up to 31 ipm
Print technology	Laser
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)
Printer black pages (MPV black)	424
Printer color pages (MPV color)	282

Processor speed	1200 MHz
Product long name specifications	HP Color LaserJet Pro MFP 4301fdw: Print, Copy, Scan, and Fax; Prints up to 35 ppm black & color (letter); Scan to email/folder/USB/cloud; Up to 50,000 page duty cycle; recommended for up to 4,000 pages per month; Auto-duplex; dual-band wireless networking; gigabit ethernet networking; Wi-Fi Direct; 850 sheet maximum input capacity; multipurpose tray; single pass 2-sided scanning
Product short name specifications	HP Color LaserJet Pro MFP 4301fdw Printer, Color, Printer for Small medium business, Print, copy, scan, fax, Wireless; Print from phone or tablet; Automatic document feeder
Quantity per pallet	20 (NA), 16 (EMEA/APJ)
RMN number	BOISB-2000-04
Recommended media weight (duplex)	60 to 163 g/m ² plain paper, 105 to 200 g/m ² glossy
Recommended monthly page volume	750 to 4,000
Recommended monthly scan volume	750 to 4000
Recommended operating humidity range	30 to 70% RH (non-condensing)
Recommended operating temperature range	59 to 80.6°F
Recommended operating temperature range	15 to 27°C
Replacement cartridges footnote	[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
Resolution	600 dpi
Resolution (black and white, standard mode)	200 x 100 dpi
Resolution (black and white, superfine mode)	Up to 300 x 300 dpi
Resolution (black photo grayscale)	300 x 300 dpi (halftone)
Right margin (A4)	4.23 mm
Safety	IEC 60950-1:2005 +A1:2009 +A2:2013 (International); IEC 62368-1:2014; EN 62368-1:2014(EU); EN 60825-1:2014/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); UL62368-1 2nd Ed. 2014-12-01, CSA C22.2 No. 62368-1-14, 2nd Ed.; IEC 62471:2006 / EN 62471:2008; Compliance with Laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser notice No. 56, Dated May 8, 2019; Other safety approvals as required by individual countries.
Scan resolution, hardware	Up to 1200 x 1200 dpi
Scan resolution, optical	Up to 1200 dpi
Scan size (ADF), maximum	8.5 x 14 in

Scan size (ADF), maximum	216 x 356 mm
Scan size (ADF), minimum	4 x 6 in
Scan size (ADF), minimum	102 x 152 mm
Scan size, maximum	8.5 x 11.7 in
Scan size, maximum	216 x 297 mm
Scan speed duplex (normal, A4)	Up to 44 ipm (b&w), up to 35 ipm (color)
Scan speed duplex (normal, letter)	Up to 46 ipm (b&w), up to 37 ipm (color)
Segment (filter)	Small medium business
Software scan file format	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.
Standard media sizes (duplex)	A4; A5; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); B5 (JIS); Oficio; Oficio (216 x 340 mm); A4R
Standard media sizes (duplex, imperial)	Letter; Legal; Executive; Oficio; Oficio (8.5 x 13 in); 16k; A4; A5; A5-R; B5(JIS)
Standard output capacity (envelopes)	Up to 20 envelopes
Storage	Optional Job Storage via external rear host USB port (minimum 16 GB)
Storage device and direct print support	USB Printing; Wi-Fi Direct; Front-facing USB/Flash drive; Walk-up USB printing; Optional job storage via external rear host USB port (Minimum 16GB)
Storage temperature range	-4 to 104°F
Storage temperature range	-20 to 40°C
Target user and print volume	For teams up to 10 users; Prints up to 4,000 pages/month
Tariff numbers	National HTS / AMS Base HTS 8443310000; EU Base HTS 8443310000; AP Base HTS 84433129
Technology logo 1	Publication logos/AMS_EnergyStar.jpg
Technology logo 2	AHID/b47a5a466c819008442b686968043b1fdeeb2d9a
Technology logo 3	Publication logos/AMS_AirPrint.jpg
Technology logo 4	Publication logos/AMS_Mopria.jpg
Technology logo 5	Publication logos/HPSmartApp_AMS.jpg
Technology logo 6	Publication logos/AMS_mac_hires.jpg
Telecom compliance (fax capability)	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. 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.
Telephone handset supported	No
Top key features	Wireless; Print from phone or tablet; Automatic document feeder

Top margin (A4)	4.23 mm
Twain version	Version 2.3
Typical electricity consumption (TEC) footnote	[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.
Typical electricity consumption (TEC) number	1.423 kWh/Week (Blue Angel); 0.422 kWh/Week (Energy Star 3.0)
UNSPSC code	43212110
UPC number	196068323134
Warm-up time	As fast as 55 sec
Web address for additional information	www.hp.com/support/colorljmfp4301-4303
What is in the box footnote	[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.

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[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>

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

[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.

Services

HP Care Pack Services

★ : Recommended

Imaging and Printing Hardware Support Onsite Svc

HP 3 year Next Business Day Onsite Service for Color LaserJet Pro MFP 430x	U51Z1E ★
HP 1 year Post Warranty 4 hour 9x5 Onsite Service for Color LaserJet Pro MFP 430x	U51ZDPE
HP 3 year 4 hour 9x5 Onsite Service for Color LaserJet Pro MFP 430x	U51Z5E

Imaging and Printing Commercial Care Pack Services

HP Installation Service with network configuration for Personal Scanner and Printer (1 unit)	U9JT1E ★
HP 1 year Post Warranty Channel Parts Exchange Service for Color LaserJet Pro MFP 430x	U51ZFPE
HP 1 year Post Warranty Next Business Day Onsite Service for Color LaserJet Pro MFP 430x	U51ZCPE
HP 3 year Channel Parts Exchange Service for Color LaserJet Pro MFP 430x	U51Z8E

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Color Laser Toner Printer Cartridges

HP 210A Black Original LaserJet Toner Cartridge	W2100A
HP 210A Cyan Original LaserJet Toner Cartridge	W2101A
HP 210A Magenta Original LaserJet Toner Cartridge	W2103A
HP 210A Yellow Original LaserJet Toner Cartridge	W2102A
HP 210X Black Original LaserJet Toner Cartridge	W2100X
HP 210X Cyan Original LaserJet Toner Cartridge	W2101X
HP 210X Magenta Original LaserJet Toner Cartridge	W2103X
HP 210X Yellow Original LaserJet Toner Cartridge	W2102X

Accessories

Printer Accessories

★ : Recommended

LaserJet Options

HP Color LaserJet 550 Sheet Paper Tray	28N93A
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