



# HP Color LaserJet Pro MFP 4301fdn Printer (4RA81FR)



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

### Seamless management [3]

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

True-to-life colors [14]<sup>[14]</sup>

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*[3] HP Web Jetadmin is available for download at no additional charge at [hp.com/go/webjetadmin](http://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](http://hp.com/ecosmart)*

*[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](http://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](http://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](http://hp.com/TerraJet/colors).*

## Specifications

<b>Print Resolution Technologies</b>	HP ImageREt 2400
<b>Print quality black (best)</b>	Up to 600 x 600 dpi; Up to 38,400 x 600 enhanced dpi
<b>Print quality color (best)</b>	Up to 600 x 600 dpi
<b>Print speed black (ISO, A4)</b>	Up to 33 ppm
<b>Print speed black (ISO, letter)</b>	Up to 35 ppm
<b>Print Speed Color (ISO)</b>	Up to 33 ppm
<b>Print speed color (ISO)</b>	Up to 35 ppm
<b>Print speed</b>	Print speed up to 35/33 ppm black & color (letter/A4)
<b>Bottom margin (A4)</b>	4.23 mm
<b>Left margin (A4)</b>	4.23 mm
<b>Right margin (A4)</b>	4.23 mm
<b>Top margin (A4)</b>	4.23 mm
<b>Functions</b>	Print, copy, scan, fax
<b>Duplex printing</b>	Automatic
<b>Duty cycle (monthly, A4)</b>	Up to 50,000 pages
<b>Duty cycle (monthly, letter)</b>	Up to 50,000 pages <sup>[7]</sup>
<b>Printer smart software features</b>	Automatic duplex, collation, watermarks, printable forms, quiet mode, HP premium print mode, accepts a variety of paper sizes and types
<b>Energy savings feature technology</b>	HP Auto-On/Auto-Off Technology; Instant-on Technology
<b>Replacement cartridges</b>	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 <sup>[2]</sup>
<b>Supplies feature</b>	TerraJet Cartridge
<b>Connectivity, standard</b>	1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); 1 Wi-Fi 802.3az; Walk-up USB; Auto-crossover Ethernet; 1 Gigabit Ethernet 10/100TX network
<b>Modem</b>	33.6 kbps
<b>Network capabilities</b>	Yes, via built-in 10/100Base-Tx Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1x
<b>Mobile printing capability</b>	HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified

<b>Network protocols, supported</b>	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
<b>Software included</b>	No software solutions are included in the Box only on <a href="http://hp.com">http://hp.com</a> <a href="http://123.hp.com">http://123.hp.com</a> ;
<b>Compatible Operating Systems</b>	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 <i>(Citrix Ready Kit Certification - Up to Citrix Server 7.18 for more information see <a href="http://citrixready.citrix.com">http://citrixready.citrix.com</a>; Citrix Server 6.5; Citrix XenApp &amp; XenDesktop 7.6, Linux- For more information see <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a>; Novell iPrint server; Unix- For more information see <a href="http://hp.com/go/unixmodelscripts">http://hp.com/go/unixmodelscripts</a>; 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>
<b>Technical features</b>	Fax; Automatic document feeder; Automatic 2-sided printing; Cloud-based fleet management; Compact size; 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; Made with recycled plastic
<b>Energy star certified</b>	Yes
<b>Ecolabels</b>	IT ECO Declaration; EPEAT® Silver Australia; EPEAT® Silver Canada; EPEAT® Silver US
<b>Blue Angel compliant</b>	No, please refer to the ECI (Ecolabel Comparison Information) document
<b>Copy speed (black, normal quality, A4)</b>	Up to 33 cpm
<b>Copy speed (color, normal quality, A4)</b>	Up to 33 cpm
<b>Copy speed black (normal, letter)</b>	Up to 35 cpm
<b>Copy speed color (normal, letter)</b>	Up to 35 cpm
<b>Copy speed black duplex (A4)</b>	Up to 29 cpm
<b>Copy speed black duplex (Letter)</b>	Up to 31 cpm
<b>Digital sending standard features</b>	Scan to SharePoint; Scan to One Drive
<b>Fax Resolution Black (best)</b>	Up to 300 x 300 dpi
<b>Faxing</b>	Yes
<b>Scan speed (normal, A4)</b>	Up to 29 ppm, up to 26 ppm
<b>Scan speed (normal, letter)</b>	Up to 31ppm, up to 28ppm
<b>Scan file format</b>	PDF; JPG; TIFF
<b>Scan input modes</b>	Front-panel scan, copy, email, or file buttons; HP Scan software; and user application via TWAIN or WIA

<b>Scan technology</b>	Contact Image Sensor (CIS)
<b>Scanner type</b>	Flatbed, ADF
<b>Display area (imperial)</b>	3.74 x 2.1 Inch
<b>Display area (metric)</b>	95 x 53.8 mm
<b>Display</b>	4.3" diagonal WLED-backlit anti-glare (480X272)
<b>Dimensions (W x D x H)</b>	421 x 435 x 384 mm
<b>Dimensions (W x D x H)</b>	16.6 x 17.1 x 15.1 in
<b>Weight</b>	~20.4 kg
<b>Weight</b>	~45 lb
<b>Power consumption</b>	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) <sup>[5]</sup> <i>([5] Values based on 115V test results based on ES test method.)</i>
<b>Power supply type</b>	Internal (Built-in) power supply
<b>What's in the box</b>	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 <a href="http://www.hp.com/support">www.hp.com/support</a> ; Power cord; fax cable (New Zealand only). <sup>[1]</sup>
<b>Manufacturer Warranty</b>	One-year, onsite repair. Warranty and support options vary by product, country and local legal requirements. Contact your Contractual Vendor or go to <a href="http://hp.com/support">hp.com/support</a> to learn about HP award winning service and support options in your region.

## 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
Auto fax reduction supported	Yes
Automatic document feeder capacity	Standard, 50 sheets uncurled
Automatic paper sensor	No
Bit depth	30-bit
Cable included	No please purchase USB cable separately. 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	Windows Server; macOS 15 Sequoia; Linux; Citrix; UNIX; Novell; SAP
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

<b>Copy resolution (color text and graphics)</b>	Up to 600 x 600 dpi
<b>Copy speed color duplex (A4)</b>	Up to 29 cpm
<b>Copy speed color duplex (Letter)</b>	Up to 31 cpm
<b>Count of layers in pallet</b>	5 (NA), 4 (EMEA/APJ)
<b>Country of origin</b>	Made in China
<b>Distinctive ring detection supported</b>	Yes
<b>Downloadable software</b>	<p>From <a href="http://123.hp.com">http://123.hp.com</a>- HP Easy Start (Guided Software Install for Windows and Mac), From <a href="http://hp.com">http://hp.com</a> for Windows OS- Full-solution software and drivers, Basic-solution software and drivers, HP PCL6 XPS Discrete Print Driver, Product Documentation and Support, From <a href="http://hp.com">http://hp.com</a> for Mac OS-, HP Mac OS Print Driver, HP Easy Admin, For Mobile OS-, iOS For more information see: <a href="http://hp.com/go/businessmobileprinting">http://hp.com/go/businessmobileprinting</a>, Android For more information see: <a href="http://hp.com/go/businessmobileprinting">http://hp.com/go/businessmobileprinting</a>, From <a href="http://hp.com">http://hp.com</a> for printer administrators-, Printer Administrator Resource Kit (Driver Configuration, Utility - Driver Deployment Utility - Managed Printing Administrator), HP Universal Print Drivers PCL6 GDI &amp; PS GDI for Windows. For more information on the supported operating systems go to <a href="http://support.hp.com">http://support.hp.com</a>, SAP Print Drivers for more information see <a href="http://support.hp.com/us-en/document/c05051702">http://support.hp.com/us-en/document/c05051702</a>, HP Web JetAdmin, HP JetAdvantage Security Manager, HPLIP Linux, Printer Driver for more information see <a href="http://hplipopensource.com/hplip-web/index.html">http://hplipopensource.com/hplip-web/index.html</a>, Unix Model Script Printer Driver for more information see <a href="http://hp.com/go/unixmodelscripts">http://hp.com/go/unixmodelscripts</a>, For more information on the supported operating systems go to <a href="http://support.hp.com">http://support.hp.com</a>, 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 <a href="http://www.hp.com/go/upd">www.hp.com/go/upd</a>, 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</p>
<b>Driver updates</b>	<p>Current HP printer drivers and software can be obtained from the HP Customer Care Web site: Go to <a href="http://www.hp.com/support/">http://www.hp.com/support/</a> (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</p>
<b>Duplex ADF scanning</b>	Yes
<b>Duty cycle note</b>	<p>[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.</p>
<b>Dynamic security</b>	Dynamic security enabled printer
<b>Ecolabels footnote</b>	<p>EPEAT® registered where applicable. EPEAT registration varies by country. See <a href="http://www.epeat.net">http://www.epeat.net</a> for registration status by country.</p>

**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.

<b>Enhanced scanning resolution</b>	Up to 1200 dpi
<b>Envelope Feeder</b>	No
<b>Fax Auto Redial</b>	Yes
<b>Fax Broadcast Locations</b>	0
<b>Fax PC Interface Supported</b>	Yes
<b>Fax Polling</b>	No
<b>Fax Remote Retrieval</b>	No
<b>Fax Speed Dials, Maximum Number</b>	Up to 100 numbers
<b>Fax Transmission Speed</b>	33.6 kbps
<b>Fax Transmission Speed Note</b>	Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.
<b>Fax delayed sending</b>	Yes
<b>Fax forwarding</b>	Yes
<b>Fax memory</b>	Up to 500 pages
<b>Fax memory</b>	Up to 500 pages
<b>Fax phone TAM interface supported</b>	Yes
<b>Fax resolution black</b>	Up to 203 x 196 dpi
<b>Fax telephone mode supported</b>	Yes
<b>Fax transmission speed (letter)</b>	5 sec per page
<b>Finished output handling</b>	Sheet feed
<b>First copy out black (A4)</b>	As fast as 7.6 sec
<b>First copy out black (A4, sleep)</b>	As fast as 9.5 sec
<b>First copy out black (letter)</b>	As fast as 7.5 sec
<b>First copy out black (letter, sleep)</b>	As fast as 9.2 sec
<b>First copy out color (A4)</b>	As fast as 10 sec
<b>First copy out color (A4, sleep)</b>	As fast as 10.3 sec
<b>First copy out color (letter)</b>	As fast as 10 sec
<b>First copy out color (letter, sleep)</b>	As fast as 10.0 sec
<b>First page out black (A4, ready)</b>	As fast as 9.5 sec
<b>First page out black (A4, sleep)</b>	As fast as 10.2 sec
<b>First page out black (letter, ready)</b>	As fast as 9.1 sec



<b>First page out black (letter, sleep)</b>	As fast as 10.0 sec
<b>First page out color (A4, ready)</b>	As fast as 10.5 sec
<b>First page out color (A4, sleep)</b>	As fast as 10.5 sec
<b>First page out color (letter, ready)</b>	As fast as 10 sec
<b>First page out color (letter, sleep)</b>	As fast as 10.3 sec
<b>Fonts and typefaces</b>	111 scalable TrueType fonts
<b>Input capacity</b>	Up to 300 sheets
<b>Junk fax barrier</b>	Yes, as blocked fax numbers
<b>Levels of grayscale</b>	256
<b>Mac compatible</b>	Yes
<b>Maximum Input Capacity (envelopes)</b>	Up to 15 envelopes
<b>Maximum Memory</b>	512 MB NAND Flash, 512 MB DRAM
<b>Maximum dimensions (W x D x H)</b>	16.6 x 27 x 30 in (with optional 550-sheet tray 3)
<b>Maximum dimensions (W x D x H)</b>	421 x 686 x 761 mm (with optional 550-sheet tray 3)
<b>Maximum input capacity (sheets)</b>	Up to 850 sheets (with Optional 550-sheet tray)
<b>Maximum output capacity (sheets)</b>	Up to 150 sheets
<b>Maximum print area</b>	212 x 352 mm
<b>Media size (ADF)</b>	Letter; Legal; A4; custom sizes 102 x 152 to 216 x 356 mm
<b>Media size, tray 1</b>	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)
<b>Media size, tray 2</b>	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)
<b>Media size, tray 3</b>	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)
<b>Media sizes supported, key</b>	10 x 15 cm; A4; Envelopes
<b>Media sizes supported, key</b>	4 x 6 in; Letter; Legal; Envelopes
<b>Media sizes, custom</b>	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
<b>Media sizes, custom</b>	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
<b>Media type and capacity, ADF</b>	Sheets: 50 uncurled
<b>Media type and capacity, tray 1</b>	Sheets: 50; envelopes: 5
<b>Media type and capacity, tray 2</b>	Sheets: 250; envelopes: 10
<b>Media type and capacity, tray 3</b>	Sheets: 550
<b>Media types</b>	Paper (bond, brochure, colored, glossy, letterhead, photo, plain, preprinted, prepunched, recycled, rough), postcards, labels, envelopes

<b>Media weight (tray 1)</b>	60 to 176 g/m <sup>2</sup> (up to 200 g/m <sup>2</sup> with postcards and HP Color laser glossy photo papers)
<b>Media weight (tray 2)</b>	60 to 163 g/m <sup>2</sup> paper (up to 176 g/m <sup>2</sup> with postcards, up to 200g/m <sup>2</sup> HP Color laser glossy photo papers)
<b>Media weight (tray 3)</b>	Optional Tray 3: 60 to 163 g/m <sup>2</sup> (up to 176 g/m <sup>2</sup> with postcards, up to 200 g/m <sup>2</sup> HP Color laser glossy photo papers)
<b>Media weight, supported</b>	60 to 163 g/m <sup>2</sup> (up to 176 g/m <sup>2</sup> postcards, up to 200 g/m <sup>2</sup> HP Color laser glossy photo papers)
<b>Media weights, supported ADF</b>	16 to 32 lb
<b>Media weights, supported ADF</b>	60 to 120 g/m <sup>2</sup>
<b>Memory</b>	512 MB NAND Flash, 512 MB DRAM
<b>Minimum System Requirements</b>	2 GB available hard disk space, Internet connection or USB port, Internet browser. For additional OS hardware requirements see microsoft.com;
<b>Minimum System Requirements for Macintosh</b>	2 GB available hard drive space, Internet connection or USB port, Internet browser. For additional OS hardware requirements see apple.com;
<b>Model number</b>	4301fdn
<b>Number of users</b>	3-10 Users
<b>Operating humidity range</b>	10 to 80% RH (non-condensing)
<b>Operating temperature range</b>	10 to 32.5°C
<b>Operating temperature range</b>	50 to 90.5°F
<b>Output capacity</b>	Up to 150 sheets
<b>Package dimensions (W x D x H)</b>	23.50 x 19.57 x 19.37 in
<b>Package dimensions (W x D x H)</b>	597 x 497 x 492 mm
<b>Package weight</b>	52.0 lb
<b>Package weight</b>	23.6 kg
<b>Page yield (set-up/inbox cartridges)</b>	~2,000 pages black, ~1,000 pages cyan, magenta, yellow composite yield
<b>Pallet dimensions</b>	47.2 x 39.4 x 102.4 in (NA), 47.2 x 39.4 x 83.1 in (EMEA/APJ)
<b>Pallet dimensions (W x D x H)</b>	1200 x 1000 x 2601 mm (NA), 1200 x 1000 x 2111 mm (EMEA/APJ)
<b>Pallet weight</b>	1130 lb (NA), 913 lb (EMEA/APJ)
<b>Pallet weight</b>	513 kg (NA), 414 kg (EMEA/APJ)
<b>Paper handling input, optional</b>	Optional 550-sheet tray
<b>Paper handling input, standard</b>	50-sheet multipurpose tray, 250-sheet input tray, 50-sheet Automatic Document Feeder (ADF)
<b>Paper handling output, standard</b>	150-sheet output bin
<b>Paper trays, maximum</b>	3
<b>Paper trays, standard</b>	2
<b>Plug and play</b>	Auto Wireless Connect; HP Smart App

<b>Power</b>	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)
<b>Print Cartridges/Bottle, Number</b>	4 (1 each black, cyan, magenta, yellow)
<b>Print Technology</b>	Laser
<b>Print colors</b>	Yes
<b>Print languages</b>	HP PCL 6, HP PCL 5e, HP PCL 5c, HP Postscript level 3 emulation, PDF, URF, PWG Raster, Native Office
<b>Print quality black (normal)</b>	ImageREt 2400, HP premium print quality mode (600 x 600 dpi)
<b>Print resolution color (normal)</b>	ImageREt 2400, HP premium print quality mode (600 x 600 dpi)
<b>Print speed black (Portrait, A5)</b>	Up to 44 ppm
<b>Print speed color (Portrait, A5)</b>	Up to 44 ppm
<b>Print speed duplex (A4)</b>	Up to 29 ipm
<b>Print speed duplex (A4)</b>	Up to 29 ipm
<b>Print speed duplex (letter)</b>	Up to 31 ipm
<b>Print speed duplex (letter)</b>	Up to 31 ipm
<b>Print technology</b>	Laser
<b>Printer Management</b>	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)
<b>Processor speed</b>	1200 MHz
<b>Product long name specifications</b>	HP Color LaserJet Pro MFP 4301fdn Printer, Color Printer for Small medium business, Print, copy, scan, fax
<b>Product short name specifications</b>	HP LaserJet Pro 4301fdn Multifunction Color Printer, Ethernet Only; Duplex
<b>Quantity per pallet</b>	20 (NA), 16 (EMEA/APJ)
<b>RMN number</b>	BOISB-2000-03
<b>Recommended media weight (duplex)</b>	60 to 163 g/m <sup>2</sup> plain paper, 105 to 200 g/m <sup>2</sup> glossy
<b>Recommended monthly page volume</b>	750 to 4,000
<b>Recommended monthly scan volume</b>	750 to 4000
<b>Recommended operating humidity range</b>	30 to 70% RH (non-condensing)
<b>Recommended operating temperature range</b>	59 to 80.6°F
<b>Recommended operating temperature range</b>	15 to 27°C

<b>Replacement cartridges footnote</b>	[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 <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a>
<b>Resolution</b>	600 dpi
<b>Resolution (black and white, standard mode)</b>	200 x 100 dpi
<b>Resolution (black and white, superfine mode)</b>	Up to 300 x 300 dpi
<b>Resolution (black photo grayscale)</b>	300 x 300 dpi (halftone)
<b>Safety</b>	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.
<b>Scan resolution, hardware</b>	Up to 1200 x 1200 dpi
<b>Scan resolution, optical</b>	Up to 1200 dpi
<b>Scan size (ADF), maximum</b>	216 x 356 mm
<b>Scan size (ADF), maximum</b>	8.5 x 14 in
<b>Scan size (ADF), minimum</b>	4 x 6 in
<b>Scan size (ADF), minimum</b>	102 x 152 mm
<b>Scan size, maximum</b>	216 x 297 mm
<b>Scan size, maximum</b>	8.5 x 11.7 in
<b>Scan speed duplex (normal, A4)</b>	Up to 44 ipm (b&w), up to 35 ipm (color)
<b>Scan speed duplex (normal, letter)</b>	Up to 46 ipm (b&w), up to 37 ipm (color)
<b>Segment (filter)</b>	Small medium business
<b>Software scan file format</b>	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.
<b>Standard media sizes (duplex)</b>	A4; A5; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); B5 (JIS); Oficio; Oficio (216 x 340 mm); A4R
<b>Standard media sizes (duplex, imperial)</b>	Letter; Legal; Executive; Oficio; Oficio (8.5 x 13 in); 16k; A4; A5; A5-R; B5(JIS)
<b>Standard output capacity (envelopes)</b>	Up to 20 envelopes
<b>Storage</b>	Optional Job Storage via external rear host USB port (minimum 16 GB)
<b>Storage device and direct print support</b>	USB Printing; Front-facing USB/Flash drive; Walk-up USB printing; Optional job storage via external rear host USB port (Minimum 16GB)
<b>Storage temperature range</b>	-4 to 104°F
<b>Storage temperature range</b>	-20 to 40°C
<b>Target user and print volume</b>	For teams up to 10 users; Prints up to 4,000 pages/month

<b>Tariff numbers</b>	National HTS / AMS Base HTS 8443310000; EU Base HTS 8443310000; AP Base HTS 84433129
<b>Telecom compliance (fax capability)</b>	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.
<b>Telephone handset supported</b>	No
<b>Top key features</b>	Print from phone or tablet; Automatic document feeder; Two-sided printing
<b>Twain version</b>	Version 2.3
<b>Typical electricity consumption (TEC) footnote</b>	[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.
<b>Typical electricity consumption (TEC) number</b>	1.423 kWh/Week (Blue Angel); 0.422 kWh/Week (Energy Star 3.0) <sup>[4]</sup>
<b>UNSPSC code</b>	43212110
<b>UPC number</b>	(B1H) 198828311825; (BGJ) 197192218686
<b>Warm-up time</b>	As fast as 55 sec
<b>Web address for additional information</b>	<a href="http://www.hp.com/support/colorljmfp4301-4303">www.hp.com/support/colorljmfp4301-4303</a>
<b>What is in the box footnote</b>	[1] For yield information on the cartridge(s) included with your printer, see <a href="http://www.hp.com/go/toneryield">http://www.hp.com/go/toneryield</a> . 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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[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>

[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.

[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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### HP Laser Toner Cartridges and Kits

★ : Recommended

#### HP Color Laser Toner Printer Cartridges

HP 210A Black Original LaserJet Toner Cartridge	W2100A
HP 210/220/230 Instant Ink Toner Welcome Kit	W8000J
HP 210/220/230 Instant Ink Toner Welcome Kit	W8001J
HP 210/220/230 Instant Ink Toner Welcome Kit	W8002J
HP 210/220/230 Instant Ink Toner Welcome Kit	W8003J
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

### HP Home & Office Papers

#### HP Home & Office Papers for laser and inkjet

HP MultiPurpose20TM, 20 lb, 11 x 17 in. (279 x 432 mm), 250 sheets	HPM1720P
HP MultiPurpose20TM, 20 lb, 8.5 x 11 in. (216 x 279 mm), 500 sheets	HPM1120R
HP MultiPurpose20TM, 20 lb, 8.5 x 14 in. (216 x 356 mm), 500 sheets	HPM1420P

# Accessories

## Printer Accessories

★ : Recommended

### LaserJet Options

HP Color LaserJet 550 Sheet Paper Tray	28N93A
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