Datasheet

HP Color LaserJet Pro MFP 3301cdw

Reliable, high-quality two-sided printing and scanning with copying and fax.



Designed for business work teams that need professional performance with fast, high-quality two-sided printing and scanning with copying and fax, plus award-winning reliability in a compact design.[11]

Dynamic security enabled printer. Contains technology that may prevent cartridges with non-HP chips or circuitry from working now or in the future. More at: http://www.hp.com/learn/ds

Print Speed: Letter: Up to 26 ppm black; Up to 26 ppm color; First Page Out: As fast as 10.8 sec black; As fast as 10.9 sec color
Print Resolution: Black (best): Up to 600 x 600 dpi; Color (best): Up to 600 x 600 dpi
Scan Resolution: Hardware: Up to 300 x 300 dpi (ADF); Up to 1200 x 1200 dpi(Flatbed); Optical: Up to 300 dpi (ADF); Up to1200 dpi (Flatbed)
Copy Resolution: Text & graphics: Up to 600 x 600 dpi
Standard Connectivity: 1 Gigabit Ethernet 10/100/1000 Base-TX network; 1 Hi-Speed USB 2.0 (device); 1Hi-Speed USB 2.0 (host); 1 Wi-Fi 802.11ac (dual band); 2 RJ-11 Fax/Modemport/phone line; Auto-crossover Ethernet
Mobile Printing Capability: HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® DirectPrinting
Duty cycle: Monthly (letter): Up to 45,000 pages
Display: 4.3" diagonal color TFT-backlit (480 x 272)
Paper Handling: 250-sheets input tray; 100-sheet output bin

ENERGY STAR
Windows 11
Mac
HP Smart App
Wi Fi CERTIFIED
mopria
Easy access USB
Works with Apple AirPrint

Professional color and speed

- Experience high-speed, automatic, two-sided color printing up to 26 pages per minute (Letter) /25 pages per minute (A4).[1]
- Bring your business to life with next-generation TerraJet Toner designed for more true-to-life, vibrant colors.[8]
- Streamline your workspace and help boost your team's efficiency with this compact laser printer.

Peace-of-mind with award-winning reliability[11]

- Performance you can count on page after page with award-winning reliability.[11]
- Keep your business connected with reliable Wi-Fi® that automatically reconnects to stay online.[2]
- Rely on low maintenance printing to avoid downtime and stay focused on your business

Pro level security to help protect your business

- Safeguard your business with proactive, embedded security ready out of the box and tamper-resistant toner.[12]
- Professional level printer security with preconfigured settings mean it's ready for business.
- Strengthen and simplify compliance. HP Security Manager upgrade applies policies across your printer network.[10]

Compact and energy efficient design

- Designed in a compact size with energy saving auto-on/auto-off technology to optimize printer energy use.[19]
- Specially formulated HP TerraJet Toner engineered for low energy use when printing.[7]
- Trim your paper use. Default duplex setting prints on both sides of each page.
- Easily recycle your used Original HP Toner Cartridges for free through the HP Planet Partners program.[9]

[1] Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see https://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application, driver, and document complexity. [2] 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 12 non-overlapping channels vs, only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band (up to 150 mbps) vs. 2.4 GHz band (up to 72.2 mbps). Learn more at: https://www.hp.com/go/mobileprinting [5] HP Web Jetadmin is available for download at no additional charge at https://www.hp.com/go/webjetadmin [7] HP calculations based on normalized Energy Star® TEC data of HP LaserJet Pro and Enterprise series with HP TerraJet Cartridges compared to predecessors. See https://www.hp.com/TerraJet/energysaving [8] Standard print mode for HP Color LaserJet Pro series with HP TerraJet Toner Cartridges compared to predecessors. See https://www.hp.com/TerraJet/colors [9] HP Planet Partners program availability varies. For details, see https://www.hp.com/recycle [10] HP Security Manager must be purchased separately. For details, see https://www.hp.com/go/securitymanager [11] Buyers Lab (BLI) 2022-2024 Most Reliable A4 Brand Award based on devices tested by Keypoint Intelligence from 2017 to 2021. See https://www.keypointintelligence.com/view-award?region=&id=1358711746B0 [12] HP office-class printing systems are select Managed and Enterprise devices with FutureSmart firmware 4.5 and up, Pro devices, LaserJet models 200 and up, with respective Original HP Toner, PageWide and Ink Cartridges. Does not include HP integrated printhead cartridges. Digital supply-chain tracking, hardware, chips and packaging security features vary locally by SKU. See https://www.hp.com/cartridgesecurity [13] Based on 2023 Q2 shipments in the IDC Worldwide Quarterly Hardcopy Peripherals Tracker®, 2023 Q2 Release. Includes shipments of all printing devices (inkjet printers, laser printers, copiers and multifunction devices, including production units). [18] HP account required for full functionality. [19] Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2.

HP Color LaserJet Pro MFP 3301cdw Technical specifications

Functions	Print, copy, scan, fax
Print speed black [7], [8]	**Letter:** Up to 26 ppm; **First page out:** As fast as 10.8 sec; **Print speed duplex:** Up to 15.5 ipm; **Print speed (Landscape, A5):** Up to 43 ppm
Print speed color[7], [8]	**Letter:** Up to 26 ppm; **First page out:** As fast as 10.9 sec; **Print speed duplex:** Up to 15.5 ipm; **Print speed (Landscape, A5):** Up to 26 ppm
Print resolution	**Black (best):** Up to 600 x 600 dpi; **Color (best):** Up to 600 x 600 dpi
Print technology	Laser
Print cartridges number	4 (1 each black, cyan, magenta, yellow)
Standard print languages	HP PCL6, PostScript, HP PCL5, PDF, URF, PWG-Raster, PCLM, JPEG
Scan speed[11]	Up to 20 ppm (b&w), Up to 9 ppm (color)
Scan type	ADF; Flatbed
Technology	Contact Image Sensor (CIS)
Scan resolution	**Hardware:** Up to 300 x 300 dpi (color and monochrome, ADF); Up to 1200 x 1200 dpi (color and monochrome, Flatbed); **Optical:** Up to 300 dpi (color and monochrome, ADF); Up to 1200 dpi (color and monochrome, Flatbed)
Scan file format	JPG; PDF; PDFA; TIFF
Scan input modes	Front-panel scan; HP Universal Scan and user applications via Twain
Scan size maximum	8.5 x 14 in / 216 x 356 mm **Flatbed:** 8.5 x 11.7 in / 216 x 297 mm
Scanner advanced features	HP Universal Scan
Bit depth / Grayscale levels	24-bit/256
Digital sending standard features	Scan to Email, Scan to Network Folder, Scan to Sharepoint, Scan to USB, Scan to Computer
Copy speed black[4]	**Copy speed:** Up to 26 cpm; **First copy out:** As fast as 9.6 sec; **Copy speed Duplex:** Up to 15.5 cpm
Copy speed color[4]	**Copy speed:** Up to 26 cpm; **First copy out:** As fast as 13.5 sec; **Copy speed Duplex:** Up to 15.5 cpm
Copy resolution	**Black (text and graphics):** Up to 600 x 600 dpi Up to 600 x 600 dpi
Maximum number of copies	Up to 999 copies
Copier settings	Color; ID Copy; Number of Copies; Lighter/Darker; Original Size; Paper Size; Paper type; Two-sided copy; Paper Source; Duplex; N-up; Binding Margin; Booklet
Copier resize	25 to 400%
Fax speed	**Up to:** Up to 33.6 kbps / **Letter:** 3 sec per page
Fax resolution	**Black (best):** Up to 300 x 300 dpi; **Black (standard):** 203 x 98 dpi
Fax smart software features	Mobile Fax with HP Cloud Account
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:** No; **Fax polling supported:** No; **Fax telephone mode supported:** Yes; **Junk barrier supported:** Yes, requires Caller ID; **Maximum speed dialing numbers:** Up to 200 numbers; **PC interface supported:** Yes, Windows fax driver, HP PC Send Fax Driver 2.0; **Remote retrieval capability supported:** No; **Telephone handset supported:** No
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); 1 Wi-Fi 802.11ac (dual band); 2 RJ-11 Fax/Modem port/phone line; Auto-crossover Ethernet
Network capabilities	Built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X
Wireless capability	Built-in dual-band Wi-Fi; Authentication via WEP, WPA/WPA2, 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
Memory	**Standard:** 512 MB; **Maximum:** 512 MB
Processor speed	1.2 GHz
Storage	0.512GByte (4Gbits) NAND Flash
Duty cycle[9]	**Monthly, letter:** Up to 45,000 pages; **Monthly, A4:** Up to 45,000 pages
Recommended monthly page volume[10]	150 to 2,500
Media types supported	Paper (bond, brochure, colored, glossy, heavy, letterhead, light, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
Media weight supported	16 to 43 lb Paper (Bond); Up to 47 lb (Bond) with postcards; Up to 52 lb (Bond) Glossy Papers
Media sizes supported	Letter; Legal; Executive; Oficio 8.5 x 13; 4 x 6 in; 5 x 8 in; Envelope #10; Envelope Monarch
Media Sizes Custom	3 x 5 in to 8.5 x 14 in

Paper handling	**Input Capacities:** Tray 2: Up to 250 sheets (Up to 25 mm stack); Up to 10 envelopes **Auto Document Feeder:** Standard, 50 sheets[15] **Output Capacities:** Up to 100 sheets @ 75gsm (or up to 15 mm stack); Up to 10 envelope **Duplex Options:** Automatic **Envelope feeder:** NO **Standard paper trays:** 2
What's in the box[2]	**74T92F** HP Color LaserJet Pro MFP 3301cdw; Power cord; Toner cartridge; User Guide; Flyers
Page yield (set-up/inbox cartridges)	4 preinstalled HP LaserJet Toner cartridges (Black: 600 pages, Introductory-Cyan, Magenta, Yellow: 500 pages)
Replacement supplies[3]	HP 218A Black Original LaserJet Toner Cartridge (~1,300 pages) W2180A; HP 218A Cyan Original LaserJet Toner Cartridge (~1,200 pages) W2181A; HP 218A Yellow Original LaserJet Toner Cartridge (~1,200 pages) W2182A; HP 218A Magenta Original LaserJet Toner Cartridge (~1,200 pages) W2183A; HP 218X High Yield Black Original LaserJet Toner Cartridge (~3,200 pages) W2180X; HP 218X High Yield Cyan Original LaserJet Toner Cartridge (~2,500 pages) W2181X; HP 218X High Yield Yellow Original LaserJet Toner Cartridge (~2,500 pages) W2182X; HP 218X High Yield Magenta Original LaserJet Toner Cartridge (~2,500 pages) W2183X
Product dimensions[5]	**W x d x h:** 16.46 x 16.5 x 13.44 in / 418 x 419.12 x 341.32 mm; **Maximum:** 16.85 x 18.58 x 17.91 in / 428 x 472 x 455 mm
Product weight[14]	~37.7 lb / ~17.1 kg
Warranty features	One-Year limited warranty. For more information please visit https://www.support.hp.com [13]
Ecolabels	EPEAT® Silver registered; ENERGY STAR® certified
Energy star certified	Yes
Blue Angel Compliance	No, please refer to the ECI (Ecolabel Comparison Information) document
Sustainable impact specifications	Contains post-consumer recycled plastic; ENERGY STAR® certified
Control panel	4.3" Capacitive Touch Color Display
Display description	4.3" diagonal color TFT-backlit (480 x 272)
Software included	HP Printer Software downloadable from https://www.hpsmart.com/download
Compatible operating systems[12]	Windows 11; Windows 10; Android; iOS; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux
Compatible network operating systems	Windows 11; Windows 10; Windows Server; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux
Minimum system requirements	**PC:** Microsoft® Windows® 11, 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection; **Mac:** Apple® macOS 12.0 Monterey; macOS 13.0 Ventura; macOS v14 Sonoma; 2GB HD; Internet required
Power[1]	**Power supply type:** Internal (Built-in) power supply; **Power requirements:** 220-volt input voltage: 220 – 240V (±10%) @ 50Hz ± 3 Hz, 60Hz ± 3 Hz; 110-volt input voltage: 110 – 127V (±10%) @ 50Hz ± 3 Hz, 60Hz ± 3 Hz (Not dual voltage, product varies by part number with # Option code identifier); **Power consumption:** 416 watts (printing), 7.6 watts (ready), 0.95 watts (sleep), 0.05 watts (auto-off), 0.05 watts (manual-off); **Typical electricity consumption (TEC) number[1]:** 0.338 kWh/week (Energy Star)
Acoustics[6]	**Acoustic power emissions:** 6.3 B(A)
Operating environment	**Operating temperature range:** 59 to 86°F / 15 to 30°C; **Recommended operating temperature:** 59 to 80.6°F / 15 to 27°C; **Storage temperature range:** -4 to 140°F / -20 to 60°C; **Operating humidity range:** 10 to 80% RH; **Recommended humidity operating range:** 30 to 70% RH

Learn more at
hp.com

[1] Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star value typically based on measurement of 115V device. [2] For yield information on the cartridge(s) included with your printer, see https://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. [3] Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see https://www.hp.com/go/toneryield [4] First Copy Out from Ready and Simplex Copy Speed measured using ISO/IEC 29183, Duplex Copy Speed measured using ISO/IEC 24735, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application and document complexity. [5] End to End Dimensions when printer is setup and on standby [6] Configuration tested: base model, simplex printing, A4 paper at an average of 25 ppm [7] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application, driver, and document complexity. [8] Measured using ISO/IEC 17629. For more information see https://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application, driver, and document complexity. [9] 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. [10] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. [11] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. [12] Windows Server 2016, Windows Server 2019, Windows Server 2022, Linux (For more information see https://www.developers.hp.com/hp-linux-imaging-and-printing) [13] Warranty and support options vary by product, country, and local legal requirements. [14] Product weight inclusive of starter supplies. [15] Recommended Auto Document Feeder Capacity when doing multiple two-sided copies is 25 sheets.

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