



HP Color LaserJet Pro 3201dw Printer (499Q9F)



Overview

Designed for business work teams that need professional performance with fast, high-quality two-sided color printing, laser productivity, and award-winning reliability in a space-saving design. [11]

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]

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]

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

Performance you can count on page after page with award-winning reliability. [11]

Compact and energy efficient design

Designed in a compact size with energy saving auto-on/auto-off technology to optimize printer energy use. [19]

Features



Business team solution



Fast two-sided color printing ^[1]



True-to-life colors^[8]



Compact Design



Advanced productivity features^[18]^[18]



HP Web Jetadmin^[5]^[5]

[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.

[5] HP Web Jetadmin is available for download at no additional charge at <https://www.hp.com/go/webjetadmin>

[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>

[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=135871174680>

[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>

[18] HP account required for full functionality.

[19] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

Specifications

Print quality black (best)	Up to 600 x 600 dpi
Print quality color (best)	Up to 600 x 600 dpi
Print speed black (ISO, A4)	Up to 25 ppm
Print speed black (ISO, letter)	Up to 26 ppm
Print Speed Color (ISO)	Up to 25 ppm
Print speed color (ISO)	Up to 26 ppm
Print speed	Print speed up to 25 ppm (black) and 25 ppm (color)
Bottom margin (A4)	5 mm
Left margin (A4)	5 mm
Right margin (A4)	5 mm
Top margin (A4)	5 mm
Functions	Print
Duplex printing	Automatic
Duty cycle (monthly, A4)	Up to 40,000 pages
Duty cycle (monthly, letter)	Up to 40,000 pages
Energy savings feature technology	HP Auto-On/Auto-Off Technology
Replacement cartridges	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 ^[3]
Supplies feature	HP TerraJet Cartridge
Connectivity, standard	1 Gigabit Ethernet 10/100/1000 Base-TX network; 1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11ac (dual band); 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
Network protocols, supported	TCP/IPv4, TCP/IPv6, DHCP, DNS.
Software included	HP Printer Software downloadable from https://www.hpsmart.com/download

Compatible Operating Systems	Windows 11; Windows 10; Android; iOS; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux ^[11] <i>([11] Windows Server 2016, Windows Server 2019, Windows Server 2022, Linux (For more information see https://www.developers.hp.com/hp-linux-imaging-and-printing))</i>
Technical features	Automatic 2-sided printing; Cloud-based fleet management; Compact size; Network printing; ENERGY STAR®; HP Auto-on/Auto-off; TerraJet Toner; Professional print quality; WiFi Direct; Fast first page out; Walk-up USB
Sustainable impact specifications	ENERGY STAR® certified; EPEAT® registered; Contains post-consumer recycled plastic
Energy star certified	Yes
Ecolabels	ENERGY STAR® certified; EPEAT® Silver registered
Blue Angel compliant	No, please refer to the ECI (Ecolabel Comparison Information) document
Display area (imperial)	1.80 x 1.03 in
Display area (metric)	4.6 x 2.6 cm
Display	2" diagonal DFSTN-backlit (200 x 114)
Minimum dimensions (W x D x H)	390 x 419.12 x 254.19 mm <i>([4] End to End Dimensions when printer is set up and on standby)</i>
Minimum dimensions (W x D x H)	15.35 x 16.5 x 10.01 in <i>([4] End to End Dimensions when printer is set up and on standby)</i>
Weight	13.8 kg ^[13] <i>([13] Product Weight Inclusive of Starter Supplies)</i>
Weight	30.42 lb <i>([13] Product Weight Inclusive of Starter Supplies)</i>
Power consumption	415 watts (Printing), 6.1 watts (Ready), 0.63 watts (Sleep), 0.05 watts (Auto-Off), 0.05 watts (Manual-Off) ^[1] <i>([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. Power consumption values typically based on measurement of 115V device.)</i>
Power supply type	Internal (Built-in) power supply
What's in the box	HP Color LaserJet Pro 3201dw Printer; Power cord; Toner cartridge; User Guide, Flyers ^[2]
Manufacturer Warranty	One-year limited warranty. For more info please visit us at https://www.support.hp.com [12]

Additional specifications

Acoustic power emissions (active, printing)	6.2 B(A)
Acoustic power emissions (ready)	2.3 B(A)
Acoustic power note	[5] Configuration tested: base model, simplex printing, A4 paper at an average of 25 ppm
Acoustic pressure emissions bystander (active, printing)	51 dB(A)
Acoustic pressure emissions bystander (ready)	16 dB(A)
Additional information about HP	http://www.hp.com
Additional information about HP in the countries	hp.com
Automatic paper sensor	No
Cable included	No USB cable.
Cartons per layer	7
Certifications and compliances	RCM (Australia), TUV and GS Mark (Germany), BSMI (Taiwan), CCC (China), BIS (India), KC (South Korea), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Paraguay, Chile, Indonesia, Singapore, Philippines, etc.
Color or black	Color
Compatible Network Operating Systems	Windows 11; Windows 10; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux
Configurable items	HP Color LaserJet Pro 3201-3204,3288
Connection type	Wireless
Control panel	2" MGD display; 4 buttons (Back, Home, Cancel and OK); 1 directional pad (Up, Down, Left and Right)
Count of layers in pallet	4
Country of origin	Made in Vietnam
Datasheet photo 1	AHID/744c48e77a6ff31719b8e5d63dc97e104e0144c7
Downloadable software	HP Easy Start, HP Printer Software
Driver updates	From Windows Update or HP Support Page
Dynamic security	Dynamic security enabled printer
Electromagnetic compatibility	EN IEC 61000-3-2:2019 +A1:2021; EN 61000-3-3:2021; CISPR 32:2019; CISPR 35:2016; EN 55032:2015+A11:2020+A1:2020; EN 55035:2017+A11:2020; EN 61000-4-12:2017; FCC CFR 47 Part 15B; ICES-003, Issue 6:2019; Other Telecom approvals as required by individual countries
End of Life CO2e (kg)	27
Energy Usage CO2e (kg)	43

Envelope Feeder	No
Finished output handling	Sheet Feed; Stacking
First page out black (A4, ready)	As fast as 10.9 sec
First page out black (A4, sleep)	As fast as 11.0 sec
First page out black (letter, ready)	As fast as 10.8 sec
First page out black (letter, sleep)	As fast as 10.9 sec
First page out color (A4, ready)	As fast as 11.0 sec
First page out color (A4, sleep)	As fast as 11.1 sec
First page out color (letter, ready)	As fast as 10.9 sec
First page out color (letter, sleep)	As fast as 11.0 sec
First page out footnote	[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.
Fonts and typefaces	111 Scalable TrueType Fonts
Input capacity	Up to 250 sheets (25mm stack height) in Tray 2
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	256 MB
Maximum dimensions (W x D x H)	390 x 472 x 266 mm
Maximum dimensions (W x D x H)	15.35 x 18.58 x 10.47 in
Maximum input capacity (sheets)	Up to 251 sheets
Maximum metric depth	~472mm, assumes LGL Input Tray Extended
Maximum metric height	~255mm, just the product height
Maximum metric width	~390mm, just the product width
Maximum output capacity (sheets)	Up to 100 sheets @ 75gsm (or Up to 15mm stack)
Maximum print area	216 x 356 mm
Media size, tray 1	Letter; Legal; Executive; 8.5 x 13; 4 x 6; 5 x 8; A4; A5; A6; B5 (JIS); B6 (JIS); 10 x 15 cm; 16K 216 x 340 mm; 16K 95 x 270 mm; 16K 184 x 260 mm; 16K 197 x 273 mm; Postcard; Envelope #10; Envelope M; Envelope B5; Envelope C5; Envelope DL; A5-R; Custom
Media size, tray 2	Letter; Legal; Executive; 8.5 x 13; 4 x 6; 5 x 8; A4; A5; A6; B5 (JIS); B6 (JIS); 10 x 15 cm; 16K 216 x 340 mm; 16K 95 x 270 mm; 16K 184 x 260 mm; 16K 197 x 273 mm; Postcard; Envelope #10; Envelope M; Envelope B5; Envelope C5; Envelope DL; A5-R; Custom
Media sizes supported	A4; A5; A6; B5 (JIS); B6 (JIS); 10 x 15 cm; Oficio 216 x 340 mm; 16K 195 x 270 mm; 16K 184 x 260 mm; 16K 197 x 273 mm; Postcard (JIS); Envelope B5; Envelope C5; Envelope DL; A5-R
Media sizes supported	102 x 127 mm to 216 x 356 mm
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes

Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	3 x 5 in to 8.5 x 14 in
Media sizes, custom	76 x 127 mm to 216 x 356 mm
Media type and capacity, tray 1	1 sheet for all media type
Media type and capacity, tray 2	Sheets: Up to 250; Transparencies: Up to 10mm; Envelope: Up to 10
Media types	Paper (bond, brochure, colored, glossy, heavy, letterhead, light, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock
Media weight (tray 1)	60 to 163 g/m ² Paper; Up to 176 g/m ² with postcards; Up to 200g/m ² Glossy 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 Glossy Papers
Media weight, supported	16 to 43 lb Paper (Bond); Up to 47 lb (Bond) with postcards; Up to 52 lb (Bond) Glossy Papers
Media weight, supported	60 to 163 g/m ² Paper; Up to 176 g/m ² with postcards; Up to 200g/m ² Glossy Papers
Memory	256 MB
Metric depth	~420mm, just product depth only
Metric height	~255mm, just product height
Metric width	~390mm, just product width
Minimum System Requirements	Microsoft® Windows® 11, 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection
Minimum System Requirements for Macintosh	Apple® macOS 12.0 Monterey; macOS 13.0 Ventura; macOS v14 Sonoma; 2GB HD; Internet required
Model number	3201dw
Number of print cartridges	4 (1 each black, cyan, magenta, yellow)
Number of users	3-10 Users
Operating humidity range	10 to 80% RH
Operating temperature range	59 to 86°F
Operating temperature range	15 to 30°C
Output capacity	Up to 100 sheets @ 75gsm (or Up to 15mm stack)
Package dimensions (W x D x H)	497 x 331 x 510 mm
Package dimensions (W x D x H)	19.57 x 13.03 x 20.08 in
Package weight	37.3 lb
Package weight	16.9 kg
Page yield (set-up/inbox cartridges)	4 preinstalled HP LaserJet Toner cartridges (Black: 600 pages, Introductory-Cyan, Magenta, Yellow: 500 pages)
Pallet dimensions	47.24 x 39.37 x 80.35 in
Pallet dimensions (W x D x H)	1200 x 1000 x 2041mm

Pallet weight	474.2 kg
Pallet weight	1045.4 lb
Paper handling input, standard	250 sheets Main Input Tray; 1 sheet Priority Feed Tray
Paper handling output, standard	100 sheets Output Tray
Paper trays, maximum	2
Paper trays, standard	2
Plug and play	HP Smart App
Power	220-volt input voltage: 220 – 240V ($\pm 10\%$) @ 50Hz ± 3 Hz, 60Hz ± 3 Hz; 110-volt input voltage: 110 – 127V ($\pm 10\%$) @ 50Hz ± 3 Hz, 60Hz ± 3 Hz (Not dual voltage, product varies by part number with # Option code identifier)
Print Technology	Laser
Print colors	Yes
Print languages	HP PCL6, PostScript, HP PCL5, PDF, URF, PWG-Raster, PCLM, JPEG
Print quality black (normal)	600 x 600 dpi
Print resolution color (normal)	600 x 600 dpi
Print speed black (Landscape, A5)	Up to 43 ppm
Print speed black (Portrait, A5)	Up to 5 ppm
Print speed color (Portrait, A5)	Up to 5 ppm
Print speed duplex (A4)	Up to 15 ipm
Print speed duplex (A4)	Up to 15 ipm
Print speed duplex (letter)	Up to 15.5 ipm
Print speed duplex (letter)	Up to 15.5 ipm
Print speed footnote (A5)	[7] Measured using ISO/IEC 24734 Feature Performance Test, 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.
Print speed footnote number (A5)	[7]
Print technology	Laser
Printer Management	HP Web Jetadmin
Processor speed	1.2 GHz
Product long name specifications	HP Color LaserJet Pro 3201dw Printer, Color Printer for Small medium business, Print, Wireless; Two-sided printing; Front USB flash drive port; Print from phone or tablet; TerraJet cartridge
Product short name specifications	HP LaserJet Pro 3201dw Color Printer
Production CO2e (kg)	145
Quantity per pallet	28
RMN number	SHNGC-2200-01

Recommended monthly page volume	150 to 2,500 ^[9]
Recommended monthly page volume note	[9] HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
Recommended operating humidity range	30 to 70% RH
Recommended operating temperature range	59 to 80.6°F
Recommended operating temperature range	15 to 27°C
Replacement cartridges footnote	[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
Safety	IEC 60950-1:2005 +A1:2009 +A2:2013; IEC 62368-1:2014; EN 62368-1:2014 +A11:2017; IEC 62368-1:2018; EN IEC 62368-1:2020 +A11:2020; EN 60825-1:2014+A11:2021; IEC 60825-1:2014; EN 62479:2010; IEC 62479:2010; CSA C22.2 62368-1:19 3rd Ed; CSA C22.2 62368-1-14 2nd Ed; UL62368-1 2nd Ed; UL62368-1 3rd Ed, Complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed.3.,as described in Laser Notice No. 56, dated May 8, 2019; Other safety approvals as required by individual countries
Security management	Device Unique Password, Enable/Disable USB Ports, EWS Session Timeout, Access Control for Device Features, Remote Scan Enable/Disable
Segment (filter)	Small medium business
Standard media sizes (duplex)	A4; A5; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); Oficio; Oficio (216 x 340 mm); A5R; B5 (JIS)
Standard media sizes (duplex, imperial)	Letter; Legal; Executive; Oficio (8.5 x 13 in); 16k; 8.5 x 13 in; A4; B5(JIS)
Standard output capacity (envelopes)	Up to 10 envelopes
Standard output capacity (transparencies)	Up to 10 mm stack
Storage	0.512GByte (4Gbits) NAND Flash
Storage device and direct print support	Wi-Fi Direct; Front-facing USB/Flash drive; Print
Storage temperature range	-20 to 60°C
Storage temperature range	-4 to 140°F
Target user and print volume	For teams up to 7 users; Prints up to 2,500 pages/month
Tariff numbers	8443321010
Technology logo 1	Publication logos/AMS_EnergyStar.jpg
Technology logo 2	AHID/b47a5a466c819008442b686968043b1fdeeb2d9a
Technology logo 3	Publication logos/AMS_mac_hires.jpg
Technology logo 4	Publication logos/HPSmartApp_AMS.jpg

Technology logo 5	Publication logos/AMS_WiFi.jpg
Technology logo 6	Publication logos/AMS_Mopria.jpg
Technology logo 7	Publication logos/AMS_USB easy access.jpg
Technology logo 8	Publication logos/WorksWithAirPrint_AMS.jpg
Telecom compliance (fax capability)	Wireless: EU RED 2014/53/EU; EN 301 489-1 V2.2.3 / EN 301 489-17: V3.2.4; EN 300 328: V2.2.2 / EN301 893 V2.1.1/ EN300 440-1 V2.1.1; FCC Title 47 CFR, Part 15 Subpart B, Class B / RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; IEC62311:2020; EN62311:2008; Other Telecom approvals as required by individual countries
Top key features	Wireless; Print from phone or tablet; Two-sided printing; Front USB flash drive port; TerraJet cartridge
Total CO2e (kg)	230 <i>(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)</i>
Transportation CO2e (kg)	17
Typical electricity consumption (TEC) footnote	[10] 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.
Typical electricity consumption (TEC) number	0.272 kWh/week (Energy Star) ^[10]
UNSPSC code	43212105
UPC number	196786388774
Warm-up time	As fast as 55 sec
What is in the box footnote	[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.

[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. Power consumption values 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>

[9] HP recommends that the number of printed pages per month be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.

[10] 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.

[11] 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] Product Weight Inclusive of Starter Supplies

Services

HP Care Pack Services

★ : Recommended

Imaging and Printing Consumer Care Pack Services

HP 2 year Next Business Day Advance Exchange HW support for Consumer LaserJet High printer	UQ223E
HP 2 year Onsite Exchange HW support for Consumer LaserJet High printer	U6M44E
HP 3 year Next Business Day Advance Exchange HW support for Consumer LaserJet High printer	UQ224E
HP 3 year Onsite Exchange HW support for Consumer LaserJet High printer	U6M45E
HP 4 year Next Business Day Advance Exchange HW support for Consumer LaserJet High printer	UQ225E
HP 4 year Onsite Exchange HW support for Consumer LaserJet High printer	U6M46E

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Color Laser Toner Printer Cartridges

HP 218A Black Original LaserJet Toner Cartridge	W2180A
HP 218A Cyan Original LaserJet Toner Cartridge	W2181A
HP 218A Magenta Original LaserJet Toner Cartridge	W2183A
HP 218A Yellow Original LaserJet Toner Cartridge	W2182A
HP 218X High Yield Black Original LaserJet Toner Cartridge	W2180X
HP 218X High Yield Cyan Original LaserJet Toner Cartridge	W2181X
HP 218X High Yield Magenta Original LaserJet Toner Cartridge	W2183X
HP 218X High Yield Yellow Original LaserJet Toner Cartridge	W2182X

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

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