



HP LaserJet Pro MFP 3101sdw Printer (9D2X4F)



Overview

Print high-quality documents efficiently with this hassle-free laser printer.

Experience dependable, high-quality printing and scanning from the World's #1 Printer Company. Get professional precision and speed with award-winning reliability and secure, productive solutions.[1]

Accelerate business with fast, professional prints

Increase productivity with speedy two-sided black-and-white printing and professional results with every print.

Focus on your business with reliable HP printing.

Spend less time managing your printer and more time growing your business with reliable printing.

Help protect your business with Pro level security

Help protect your business with HP Wolf Pro security and HP toner with tamper-resistant packaging and firmware.[4]

Optimize energy use with auto-on/auto-off technology [10]

Compact size with auto-on/auto-off technology to optimize energy use and free toner cartridge recycling. [8,10]

Features



Small workteam solution.



Fast print and duplex speeds.^[9]



Simple shortcuts



HP App^[5]



Reliable Wi-Fi[®] with auto-reset^[3]



Walk up USB

[1] 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).

[3] 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) v. 2.4 GHz band (up to 72.2 mbps). Learn more at: www.hp.com/go/mobileprinting

[4] HP's most advanced embedded security features are available on HP Enterprise and HP Managed devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of 2021 published features of competitive in-class printers. Only HP offers a combination of security features to automatically detect, stop, and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit hp.com/go/PrintersThatProtect. For more information, visit hp.com/go/printersecurityclaims.

[5] Requires HP app download available at www.hp.com/go/mobileprinting. Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. Fax capabilities are for sending a fax only. List of supported operating systems available in app stores. See details at www.hpsmart.com.

[8] Recycling - Program availability varies. Original HP cartridge return and recycling is currently available in more than 60 countries, territories and regions in Asia, Africa, Europe, and North and South America through the HP Planet Partners program. For details, see hp.com/recycle.

[9] HP calculations based on ENERGY STAR[®] normalized TEC data comparing HP LaserJet 200-500 series printers at launch. See hp.com/ecosmart

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

Specifications

Print Resolution Technologies	600dpi with Resolution Enhancement technology (REt); ProRes 1200
Print quality black (best)	Up to 1200 x 1200 dpi
Print speed black (ISO, A4)	Up to 33 ppm
Print speed black (ISO, letter)	Up to 35 ppm
Print speed	up to 28 ppm (black)
Functions	Print, copy, scan
Duplex printing	Automatic (standard)
Duty cycle (monthly, A4)	Up to 50,000 pages
Duty cycle (monthly, letter)	Up to 50,000 pages ^[8]
Printer smart software features	Automatic duplex, Easy OOBE, Scan Destinations, Smart security, Print always work, Print anywhere
Replacement cartridges	HP 138A Black Original LaserJet Toner Cartridge (~1500 pages); HP 138X Black Original LaserJet Toner Cartridge (~4000 pages) ^[3]
Supplies feature	HP JetIntelligence Cartridge
Connectivity, standard	1 Hi-Speed USB 2.0 (device); Ethernet 10/100Mbps; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz
Network capabilities	10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz.
Wireless capability	Yes
Mobile printing capability	HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing
Network protocols, supported	TCP/IP; IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS
Software included	No CD inbox (except Indonesia and China Gov) Downloadable Software from hp.com, hpsmart.com/setup, in-OS app stores. #CD include HP Software Installer, Uninstaller, printer driver and other essential tools
Compatible Operating Systems	Windows 11; Windows 10; macOS 10.14 Mojave; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux ^[11] <i>([11] Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit) Full solution software available only for Windows 10 and newer; For Windows Server 2008 R2 64-bit, 2012 64-bit, 2012 R2 64-bit, 2016 64-bit only print driver is installed. Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software; Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Linux- For more information see https://developers.hp.com/hp-linux-imaging-and-printing)</i>
Sustainable impact specifications	Mercury free
Energy star certified	Yes
Ecolabels	EPEAT® Silver registered; ENERGY STAR® certified
Copy speed (black, normal quality, A4)	Up to 33 cpm

Copy speed black (normal, letter)	Up to 35 cpm
Copy speed black duplex (A4)	Up to 20 cpm
Copy speed black duplex (Letter)	Up to 21 cpm
Digital sending standard features	Scan to email
Scan speed (normal, A4)	Up to 19 ppm (b&w), up to 8 ppm (color)
Scan speed (normal, letter)	Up to 20 ppm (b&w), up to 9 ppm (color)
Scan file format	JPG, TIFF, XPS, PDF, PDF/A
Scan input modes	HP Smart App; and user applications via Twain
Scan technology	CIS
Scanner type	ADF, flatbed
Display area (imperial)	2.7 in
Display area (metric)	6.85 cm
Display	2.7" CGD; Touch Screen
Minimum dimensions (W x D x H)	418.0 x 398.2 x 313.2 mm
Minimum dimensions (W x D x H)	16.5 x 15.7 x 12.3 in
Weight	10.5kg <i>(with Starter cartridge)</i>
Weight	23.1lb <i>(with Starter cartridge)</i>
Power consumption	436 watts (active printing), 4.5 watts (ready), 1.31 watts (sleep), 0.06 watts (Manual Off), 0.06 watts (Auto Off/Manual On) ^[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 115 V device.)</i>
Power supply type	Internal (Built-in) power supply
What's in the box	HP LaserJet Pro MFP 3101sdw Printer, HP Black LaserJet Toner Introductory Cartridge, yield ~ 1000 pages, Setup Guide, Reference Guide, Regulatory Flyer, Power cord ^[2]
Manufacturer Warranty	One-year limited warranty

Additional specifications

Acoustic power emissions (active scan)	ADF scan (color): 5.4 B(A); ADF scan (mono): 6.1 B(A)
Acoustic power emissions (active, printing)	6.6 B(A) (printing at 33ppm)
Acoustic power emissions (ready)	3.2 B(A)
Acoustic power note	[12] Configuration tested: simplex printing, A4 paper at an average of 27ppm
Acoustic pressure emissions bystander (active scan)	ADF scan (colour): 40 dB(A); ADF scan (mono): 47 dB(A)
Acoustic pressure emissions bystander (active, printing)	53 dB(A)
Acoustic pressure emissions bystander (ready)	14 dB(A)
Automatic document feeder capacity	Standard, 50 sheets
Automatic paper sensor	No
Bit depth	24-bit
Bottom margin (A4)	4.23 mm
Cartons per layer	6
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, Chile, Argentina, Paraguay, Indonesia, Singapore, Philippines, etc.
Color or black	Black and white
Color scanning	Yes
Compatible Network Operating Systems	Windows Server; Linux
Control panel	2.7" CGD; Touch Screen; 3 LED buttons (Back, Home, Info)
Copier scaling (ADF)	25 to 400%
Copier settings	Number of Copies; Lighter/Darker; Enhancements; Binding Margin; Paper; Multi-Page Copy; Collation; Quality
Copies, maximum	Up to 999 copies
Copy reduce / enlarge settings	25 to 400%
Copy resolution (black text)	Up to 300 dpi
Copy speed note	[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.
Count of layers in pallet	NA:5 ; EMEA/AP:4

Downloadable software	From hpsmart.com/setup: HP Easy Start (Windows); HP Easy Start Pro (Mac); From hp .com: Full-solution software and drivers(with installer) - offline use; HP Easy Start; Product Documentation and Support; HP Print and Scan Doctor; From Mobile OS: See "HP Mobile Printing" (https://www.hp.com/go/mobileprinting); From In-OS app stores: HP Smart; HP Print Service Plugin; From HP.com for printer administrators: Linux Print Drivers; HP Web JetAdmin Software (HP SNMP Proxy Agent); HP Smart Universal Print Driver
Driver updates	Latest drivers available from support web site.
Duplex ADF scanning	No
Duty cycle note	[8] 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
Electromagnetic compatibility	CISPR 32:2019 & CISPR 35:2016 / EN55032:2015+A11:2020+A1:2020 & EN55035:2017+A11:2020; EN61000-3-2:2019+A1:2021; EN61000-3-3:2021; FCC Title 47 CFR, Part 15 Class B/ ICES-003, Issue 6:2019
First copy out black (A4)	As fast as 6.2 sec
First copy out black (A4, sleep)	As fast as 7.2 sec
First copy out black (letter)	As fast as 6.0 sec
First copy out black (letter, sleep)	As fast as 7.0 sec
First page out black (A4, ready)	As fast as 7.0 sec
First page out black (A4, sleep)	As fast as 8.7 sec
First page out black (letter, ready)	As fast as 6.6 sec
First page out black (letter, sleep)	As fast as 8.3 sec
First page out footnote	[7] 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	84 scalable TrueType fonts
Input capacity	Up to 250 sheets
Internal Storage	no hard disk
Left margin (A4)	4.23 mm
Levels of grayscale	256
Mac compatible	Yes
Maximum Input Capacity (envelopes)	Up to 10 envelopes
Maximum Memory	512 MB
Maximum dimensions (W x D x H)	426.8 x 758.8 x 475.5 mm
Maximum dimensions (W x D x H)	16.8 x 29.9 x 18.7 in
Maximum input capacity (sheets)	Up to 250 sheets

Maximum metric depth	758.5mm
Maximum metric height	475.5mm
Maximum metric width	426.8mm
Maximum output capacity (sheets)	Up to 150 sheets
Maximum print area	207 x 348 mm
Media size (ADF)	A4; LTR; LGL
Media size, tray 1	Letter; Legal; Executive; Oficio 8.5x13; Oficio(216x340); A4, A5, A5-R, A6, B5(JIS); B6(JIS); 16K(195 x 270 mm); 16K(195 x 270 mm); 16K(197 x 273 mm); L 9x13 cm; 10x15cm; 3x5; 4x6; 5x7; 5x8; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #3; Japanese Envelope Chou #4; Envelope B5; Envelope C5; Envelope C6; Envelope DL; Envelope #10; Envelope Monarch
Media sizes supported	Letter; Legal; Executive; Oficio 8.5x13; 3x5; 4x6; 5x7; 5x8; Envelope #10; Envelope Monarch
Media sizes supported	A4, A5, A5-R, A6, B5(JIS); B6(JIS); Oficio (216x340); 16K (195 x 270 mm); 16K (195 x 270 mm); 16K (197 x 273 mm); L 9x13 cm; 10x15cm; Japanese Postcard; Double Japan Postcard Rotated; Japanese Envelope Chou #3; Japanese Envelope Chou #4; Envelope B5; Envelope C5; Envelope C6; Envelope DL
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes
Media sizes supported, key	10 x 15 cm; A4; Envelopes
Media sizes, custom	Width 76 to 216 mm ; Length 127 to 356mm
Media sizes, custom	Width 3 x 8.5 in ; Length 5 to 14 in
Media type and capacity, ADF	50 sheet of 20 lb plain paper
Media type and capacity, tray 1	Sheets : up to 250; Envelopes : up to 10
Media types	Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards
Media weight (tray 1)	60 to 163 g/m ²
Media weight, supported	60 to 163 g/m ²
Media weight, supported	16 to 43lb
Media weights, supported ADF	16 to 24 lb
Media weights, supported ADF	60 to 90 g/m ²
Memory	512 MB
Metric depth	15.67 mm
Metric height	313.2mm
Metric width	418.0mm
Minimum System Requirements	Microsoft® Windows® 11, 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer.
Minimum System Requirements for Macintosh	macOS v14 Sonoma; macOS v13 Ventura; macOS v12 Monterey; 2 GB HD; Internet required
Model number	3101sdw

Native scan file format	PDF, JPG
Number of print cartridges	1 (black)
Number of users	3-10 Users
Operating humidity range	10 to 80% RH
Operating temperature range	15 to 32.5°C
Operating temperature range	59 to 90.5°F
Output capacity	Up to 150 sheets
Package dimensions (W x D x H)	497 x 379 x 490 mm
Package dimensions (W x D x H)	19.6 x 14.9 x 19.3 in
Package weight	13.6 kg
Package weight	30 lb
Pallet dimensions	47.24 x 39.37 x 102.4 in
Pallet dimensions (W x D x H)	1200 x 1000 x 2601 mm
Pallet weight	944.7 lb
Pallet weight	428.5 kg
Paper handling input, standard	1 main tray; 250 sheets or 10 envelopes
Paper handling output, standard	150 sheets output tray
Paper trays, maximum	1 Main Tray
Paper trays, standard	1
Power	110-volt input voltage: 110 to 127 VAC (+/- 10%), 60 Hz/50 Hz; 220-volt input voltage: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz
Print Technology	Laser
Print colors	No
Print languages	PCL5c; PCL6; PS; PCLmS; PDF; URF; PWG; PCLm
Print quality black (normal)	Up to 600 x 600 dpi
Print resolution black (fine lines)	Up to 1200 x 1200 dpi
Print speed black (Landscape, A5)	Up to 53 ppm
Print speed black (Portrait, A5)	Up to 7 ppm
Print speed duplex (A4)	Up to 20 ipm
Print speed duplex (letter)	Up to 21 ipm
Print speed footnote (A5)	[6] 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)	[6]
Print technology	Laser
Printer Management	HP Smart, HPSM, Web JetAdmin, admin.hpsmart.com

Processor speed	800 MHz
Product long name specifications	HP LaserJet Pro MFP 3101sdw Printer, Black and white Printer for Small medium business, Print, copy, scan, Automatic document feeder; Two-sided printing; Scan to email; Scan to PDF; Front USB flash drive port; Touchscreen; JetIntelligence cartridge
Product short name specifications	HP LaserJet Pro 3101sdw Black and white Printer
Quantity per pallet	NA:30; EMEA/AP: 24
RMN number	SHNGC-2001-00 or SHNGC-2001-01
Recommended media weight (duplex)	60 to 105 g/m ²
Recommended media weight (duplex)	16 to 28 lb
Recommended monthly page volume	350 to 2500 pages
Recommended monthly scan volume	150 to 1500
Recommended operating humidity range	30 to 70% RH
Recommended operating temperature range	17.5 to 25°C
Recommended operating temperature range	63.5 to 77°F
Replacement cartridges footnote	[3] Declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see https://www.hp.com/go/toneryield
Resolution	Up to 600 dpi
Right margin (A4)	4.23 mm
Safety	IEC 60950-1:2005 +A1:2009+A2:2013; IEC/EN 62368-1:2014; CAN/CSA C22.2 No. 62368-1, 3rd Edition; UL62368-1, 3rd Edition; IEC 60825-1 3rd Edition (Class 1 Laser Product); EN 62479:2010 / IEC 62479:2010; Compliance of IEC 60950-1 standard considers all country deviations according to the most recent IEC CB Bulletin; 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
Scan resolution, hardware	Up to 300 x 300 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed)
Scan resolution, optical	Up to 300 dpi (color and mono, ADF); Up to 1200 dpi (color and mono, flatbed)
Scan size (ADF), maximum	8.5 x 14 in
Scan size (ADF), maximum	216 x 356 mm
Scan size (ADF), minimum	148 x 210 mm
Scan size (ADF), minimum	5.8 x 8.3 in
Scan size, maximum	216 x 297 mm
Scan size, maximum	8.5 x 11.7 in

Scan speed footnote	[10] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
Security management	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change
Segment (filter)	Small medium business
Software scan file format	PDF, JPG, PNG, BMP, TIF, Text (.txt), Rich Text (.rtf), Searchable PDF (.pdf), PDF/A (.pdf)
Standard media sizes (duplex)	A4
Standard media sizes (duplex, imperial)	Letter; Legal; Oficio (8.5 x 13 in)
Standard output capacity (envelopes)	Up to 10 envelopes
Storage device and direct print support	Wi-Fi Direct; USB Printing
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
Tariff numbers	8443310000
Top key features	Wireless; Print from phone or tablet; Two-sided printing; Scan to email
Top margin (A4)	4.23 mm
Twain version	Version 2.1
Typical electricity consumption (TEC) footnote	[9] 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 115 V device.
Typical electricity consumption (TEC) number	0.407 kWh/week (Energy Star) ^[9]
UNSPSC code	43212110
UPC number	197961854152
What is in the box footnote	[2] For yield information on the cartridge included with your printer, see https://www.hp.com/go/toneryield . Yield values measured in accordance with ISO/IEC 19752 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 115 V device.

[2] For yield information on the cartridge included with your printer, see <https://www.hp.com/go/toneryield> . Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

[3] Declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <https://www.hp.com/go/toneryield>

[8] 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.

[9] 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 115 V device.

[11] Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit) Full solution software available only for Windows 10 and newer; For Windows Server 2008 R2 64-bit, 2012 64-bit, 2012 R2 64-bit, 2016 64-bit only print driver is installed. Windows RT OS for Tablets (32 & 64-bit) uses a simplified HP print driver built into the RT OS; Linux systems use in-OS HPLIP software; Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit, Linux- For more information see <https://developers.hp.com/hp-linux-imaging-and-printing>

Ink/Toner/Paper/Printer Supplies

HP Laser Toner Cartridges and Kits

★ : Recommended

HP Black and White Laser Toner Printer Cartridges

HP 138A Black Original LaserJet Toner Cartridge	W1380A
HP 138X High Yield Black Original LaserJet Toner Cartridge	W1380X
HP 139A Black Original LaserJet Toner Cartridge	W1390A
HP 139X High Yield Black Original LaserJet Toner Cartridge	W1390X
HP 145A Black Original LaserJet Toner Cartridge	W1450A
HP 145X High Yield Black Original LaserJet Toner Cartridge	W1450X
HP 146A Black Original LaserJet Toner Cartridge	W1460A
HP 146X High Yield Black Original LaserJet Toner Cartridge	W1460X

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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