

HP LaserJet Pro MFP 3101sdw Printer

Active 9D2X4F Series →

Specifications

All Specs

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| Acoustic power emissions (active scan) | ADF scan (color): 5.4 B(A); ADF scan (mono): 6.1 B(A) (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) (6.6 B(A) (printing at 33ppm)) |
| Acoustic power emissions (ready) | 3.2 B(A) (3.2 B(A)) |
| Acoustic power note | [12] Configuration tested: simplex printing, A4 paper at an average of 27ppm ([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) (ADF scan (colour): 40 dB(A); ADF scan (mono): 47 dB(A)) |
| Acoustic pressure emissions bystander (active, printing) | 53 dB(A) (53 dB(A)) |
| Acoustic pressure emissions bystander (ready) | 14 dB(A) (14 dB(A)) |
| Automatic document feeder capacity | Standard, 50 sheets |
| Automatic paper sensor | No |
| Bit depth | 24-bit |
| Bottom margin (A4) | 4.23 mm |
| 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 |
| Compatible Operating Systems | Windows 11; Windows 10; macOS 10.14 Mojave; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux |
| Connection type | Wireless |
| Connectivity, standard | 1 Hi-Speed USB 2.0 (device); Ethernet 10/100Mbps; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz |
| 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% |

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| Copy resolution (black text) | Up to 300 dpi |
| Copy speed (black, normal quality, A4) | Up to 33 cpm |
| Copy speed black (normal, letter) | Up to 35 cpm (Up to 35 cpm) |
| Copy speed black duplex (A4) | Up to 20 cpm |
| Copy speed black duplex (Letter) | Up to 21 cpm |
| 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. |
| Digital sending standard features | Scan to email |
| Display | 2.7" CGD; Touch Screen |
| Display area (imperial) | 2.7 in |
| Display area (metric) | 6.85 cm |
| 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 |
| Duplex printing | Automatic (standard) |
| Duty cycle (monthly, A4) | Up to 50,000 pages |
| Duty cycle (monthly, letter) | Up to 50,000 pages |
| 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. |
| Ecolabels | EPEAT® Silver registered; ENERGY STAR® certified |
| 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 |
| End of Life CO2e (kg) | 19 |
| Energy star certified | Yes |
| Energy Usage CO2e (kg) | 18 (18) |
| First copy out black (A4, sleep) | As fast as 7.2 sec |
| First copy out black (A4) | As fast as 6.2 sec |
| First copy out black (letter, sleep) | As fast as 7.0 sec |
| First copy out black (letter) | As fast as 6.0 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 |

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| 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 |
| Functions | Print, copy, scan |
| Input capacity | Up to 250 sheets |
| Left margin (A4) | 4.23 mm |
| Levels of grayscale | 256 |
| Mac compatible | Yes |
| Manufacturer Warranty | One-year limited warranty |
| Maximum Input Capacity (envelopes) | Up to 10 envelopes |
| Maximum input capacity (sheets) | Up to 250 sheets |
| Maximum Memory | 512 MB |
| 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 (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 (10 x 15 cm; A4; Envelopes) |
| Media sizes, custom | Width 3 x 8.5 in ; Length 5 to 14 in (Width 76 to 216 mm ; Length 127 to 356mm) |
| 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 | 16 to 43lb (60 to 163 g/m ²) |
| Media weights, supported ADF | 16 to 24 lb (16 to 24 lb) |
| Memory | 512 MB |
| 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 |

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| Mobile printing capability | HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing |
| Model number | 3101sdw |
| Native scan file format | PDF, JPG |
| Network capabilities | 10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz. |
| 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 |
| Number of print cartridges | 1 (black) |
| Number of users | 3-10 Users (3-10 Users) |
| Operating humidity range | 10 to 80% RH |
| Operating system (supported note) | [1] Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit), Windows 7, Windows 8, 8.1. 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. Linux systems use in-OS HPLIP software. |
| Operating temperature range | 59 to 90.5°F |
| Output capacity | Up to 150 sheets |
| 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 |
| 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) |
| Power consumption Note | [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. |
| Power supply type | Internal (Built-in) power supply |
| Print colors | No |
| Print languages | PCL5c; PCL6; PS; PCLmS; PDF; URF; PWG; PCLm |
| Print quality black (best) | Up to 1200 x 1200 dpi |
| Print quality black (normal) | Up to 600 x 600 dpi |
| Print resolution black (fine lines) | Up to 1200 x 1200 dpi |
| Print Resolution Technologies | 600dpi with Resolution Enhancement technology (REt); ProRes 1200 |
| Print speed | up to 28 ppm (black) |
| Print speed black (ISO, A4) | Up to 33 ppm |
| Print speed black (ISO, letter) | Up to 35 ppm |
| 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 |

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| Print speed duplex (letter) | Up to 21 ipm (Up to 21 ipm) |
| Print speed footnote | [5] 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. |
| 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 |
| Print technology | Laser |
| Printer Management | HP Smart, HPSM, Web JetAdmin, admin.hpsmart.com |
| Printer smart software features | Automatic duplex, Easy OOBE, Scan Destinations, Smart security, Print always work, Print anywhere |
| 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 Wireless Multifunction Black and white Printer, Duplex |
| Production CO2e (kg) | 103 |
| Recommended media weight (duplex) | 16 to 28 lb (60 to 105 g/m ²) |
| 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 | 63.5 to 77°F |
| Registration required | No |
| Replacement cartridges | HP 138A Black Original LaserJet Toner Cartridge (~1500 pages); HP 138X Black Original LaserJet Toner Cartridge (~4000 pages) |
| 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 |
| RMN number | SHNGC-2001-00 or SHNGC-2001-01 |
| 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 IECIEE 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 file format | JPG, TIFF, XPS, PDF, PDF/A |
| Scan input modes | HP Smart App; and user applications via Twain |

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| 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 (216 x 356 mm) |
| Scan size (ADF), minimum | 5.8 x 8.3 in (148 x 210 mm) |
| Scan size, maximum | 8.5 x 11.7 in (216 x 297 mm) |
| 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 speed footnote | [10] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. |
| Scan technology | CIS |
| Scanner type | ADF, flatbed |
| Security | Optional Smart Security; HP Security Manager; HP Secure Print and Insights |
| Security management | Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change; 802.1x authentication |
| Segment (filter) | Small medium business |
| 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 |
| Software scan file format | PDF, JPG, PNG, BMP, TIF, Text (.txt), Rich Text (.rtf), Searchable PDF (.pdf), PDF/A (.pdf) |
| Standard media sizes (duplex, imperial) | Letter; Legal; Oficio (8.5 x 13 in) (Letter; Legal; Oficio (8.5 x 13 in)) |
| Standard media sizes (duplex) | A4 |
| Standard output capacity (envelopes) | Up to 10 envelopes |
| Storage device and direct print support | Wi-Fi Direct; USB Printing |
| Storage temperature range | -4 to 140°F |
| Supplies feature | HP JetIntelligence Cartridge |
| Sustainable impact specifications | Mercury free |
| Target user and print volume | For teams up to 7 users (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 |
| Total CO ₂ e (kg) | 150 |
| Total CO ₂ e (kg) note | 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 CO ₂ equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding. |
| Transportation CO ₂ e (kg) | 12 |

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| 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 | Energy Star: 0.407 kWh/week |
| UNSPSC code | 43212110 |
| 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 |
| Wireless capability | Yes |

Logistics

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| Cartons per layer | 6 |
| Count of layers in pallet | NA:5 ; EMEA/AP:4 |
| Maximum dimensions (W x D x H) | 16.8 x 29.9 x 18.7 in (426.8 x 758.8 x 475.5 mm) |
| Maximum metric depth | 758.5mm |
| Maximum metric height | 475.5mm |
| Maximum metric width | 426.8mm |
| Metric depth | 15.67 mm |
| Metric height | 313.2mm |
| Metric width | 418.0mm |
| Minimum dimensions (W x D x H) | 16.5 x 15.7 x 12.3 in (418.0 x 398.2 x 313.2 mm) |
| Package dimensions (W x D x H) | 19.6 x 14.9 x 19.3 in (497 x 379 x 490 mm) |
| Package weight | 30 lb (13.6 kg) |
| Pallet dimensions | 47.24 x 39.37 x 102.4 in (47.24 x 39.37 x 102.4 in) |
| Pallet dimensions (W x D x H) | 47.24 x 39.37 x 102.4 in (1200 x 1000 x 2601 mm) |
| Quantity per pallet | NA:30; EMEA/AP: 24 |
| RMN number | SHNGC-2001-00 or SHNGC-2001-01 |
| Tariff numbers | 8443310000 |
| UNSPSC code | 43212110 |
| UPC number | 197961854152 |
| Weight | 23.1lb (10.5kg) |
| 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. |
| 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 |

Specifications

[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>

[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] 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.

[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.

[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.

[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.

[10] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

[11] Not supporting Windows® XP (64-bit) and Windows Vista® (64-bit), Windows 7, Windows 8, 8.1. 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. Linux systems use in-OS HPLIP software.

[12] Configuration tested: simplex printing, A4 paper at an average of 33ppm

Legal disclaimer

Product image may differ from actual product