Datasheet

HP LaserJet Pro MFP 3101sdw Black & White Printer

High-Speed. Laser Quality. Pro Performance.

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]

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 35 ppm; First page out: As fast as 6.6 sec; Print speed duplex: Up to 21 ipm[11]
Print Resolution: Up to 1200 x 1200 dpi
Scan Resolution: Up to 300 x 300 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed)
Copy Resolution: Up to 300 dpi
Standard Connectivity: 1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz
Mobile Printing Capability: HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct Printing
Duty cycle: Up to 50,000 pages
Display: 2.7" CGD; Touch Screen
Paper Handling: Up to 250 sheets

Accelerate business with fast, professional prints

- Increase productivity with speedy two-sided black-and-white printing and professional results with every print.
- Bring your business to life with every print. Toner designed for sharp, professional quality prints.

Focus on your business with reliable HP printing.

- Spend less time managing your printer and more time growing your business with reliable printing.
- Help safeguard your data and documents with proactive, embedded security—right out of the box.[3]

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]
- Help safeguard your data and documents with proactive, embedded security—right out of the box.

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]

HP LaserJet Pro MFP 3101sdw Black & White Printer Technical specifications

Functions	Print, copy, scan
Print speed black [7], [5], [6]	First page out: As fast as 6.6 sec; Letter: Up to 35 ppm; 2-sided Letter: Up to 21 ipm; Print speed (Landscape, A5): Up to 53 ppm
Print resolution	Black (best): Up to 1200 x 1200 dpi; Black (fine lines): Up to 1200 x 1200 dpi
Print technology	Laser
Print resolution technologies	600dpi with Resolution Enhancement technology (REt); ProRes 1200
Print cartridges number	1 (black)
Standard print languages	PCL5c; PCL6; PS; PCLmS; PDF; URF; PWG; PCLm
Printer smart software features	Automatic duplex, Easy OOBE, Scan Destinations, Smart security, Print always work, Print anywhere
Printer management	HP Smart, HPSM, Web JetAdmin, admin.hpsmart.com
Scan speed[10]	Up to 20 ppm (b&w), up to 9 ppm (color)
Scan type	ADF, flatbed
Technology	CIS
Scan resolution	Hardware: Up to 300 x 300 dpi (color and mono, ADF); Up to 1200 x 1200 dpi (color and mono, flatbed); Optical: Up to 300 dpi (color and mono, ADF); Up to 1200 dpi (color and mono, flatbed)
Scan file format	JPG, TIFF, XPS, PDF, PDF/A
Scan input modes	HP Smart App; 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
Bit depth / Grayscale levels	24-bit/256
Digital sending standard features	Scan to email
Copy speed black[4]	Copy speed: Up to 35 cpm; First copy out: As fast as 6.0 sec; Copy speed Duplex: Up to 21 cpm
Copy resolution	Black (text and graphics): Up to 300 dpi
Maximum number of copies	Up to 999 copies
Copier settings	Number of Copies; Lighter/Darker; Enhancements; Binding Margin; Paper; Multi-Page Copy; Collation; Quality
Copier resize	25 to 400%
Standard connectivity	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
Memory	Standard: 512 MB; Maximum: 512 MB
Processor speed	800 MHz
Duty cycle[8]	Monthly, letter: Up to 50,000 pages; Monthly, A4: Up to 50,000 pages
Recommended monthly page volume	350 to 2500 pages
Paper handling	Input Capacities: Up to 250 sheets ; Up to 10 envelopes Auto Document Feeder: Standard, 50 sheets Output Capacities: Up to 150 sheets; Up to 10 envelopes Duplex Options: Automatic (standard) Standard paper trays: 1

Media types supported	Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards
Media weight supported	16 to 43lb
Media sizes supported	Letter; Legal; Executive; Oficio 8.5x13; 3x5; 4x6; 5x7; 5x8; Envelope #10; Envelope Monarch
Media Sizes Custom	Width 3 x 8.5 in ; Length 5 to 14 in
Product dimensions	W x d x h: 16.5 x 15.7 x 12.3 in / 418.0 x 398.2 x 313.2 mm; Maximum: 16.8 x 29.9 x 18.7 in / 426.8 x 758.8 x 475.5 mm
Product weight	23.1lb / 10.5kg
What's in the box[2]	9D2X4F HP LaserJet Pro MFP 3101sdw Printer, HP Black LaserJet Toner Introductory Cartridge, yield ~ 1000 pages, Setup Guide, Reference Guide, Regulatory Flyer, Power cord
Replacement supplies[3]	HP 138A Black Original LaserJet Toner Cartridge (~1500 pages); HP 138X Black Original LaserJet Toner Cartridge (~4000 pages)
Warranty features	One-year limited warranty
Ecolabels	EPEAT® Silver registered; ENERGY STAR® certified
Energy star certified	Yes
Sustainable impact specifications	Mercury free
Control panel	2.7" CGD; Touch Screen; 3 LED buttons (Back, Home, Info)
Display description	2.7" CGD; Touch Screen
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[11]	Windows 11; Windows 10; macOS 10.14 Mojave; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux
Compatible network operating systems	Windows Server; Linux
Minimum system requirements	PC: Microsoft® Windows® 11, 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer.; Mac: macOS v14 Sonoma; macOS v13 Ventura; macOS v12 Monterey; 2 GB HD; Internet required
Power [1], [9]	Power supply type: Internal (Built-in) power supply; Power requirements: 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); Typical electricity consumption (TEC) number[9]: Energy Star: 0.407 kWh/week
Acoustics[12]	Acoustic power emissions: 6.6 B(A) (printing at 33ppm)
Operating environment	Operating temperature range: 59 to 90.5°F / 15 to 32.5°C; Recommended operating temperature: 63.5 to 77°F / 17.5 to 25°C; Storage temperature range: -4 to 140ºF / -20 to 60ºC; Operating humidity range: 10 to 80% RH; Recommended humidity operating range: 30 to 70% RH
HP Service and Support options	UQ223E – HP 2 Year Next Business Day Advance Exchange; UQ224E – HP 3 Year Next Business Day Advance Exchange; UQ225E - HP 4 Year Next Business Day Advance Exchange
Security management	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change

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. 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

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