HP LaserJet Pro MFP 3103fdn/fdw Printer series

Get fast printing speeds, high-volume scanning, and easy management tools with LaserJet Pro.

Get fast printing speeds, high-volume scanning, and easy management tools with LaserJet Pro.

This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: www.hp.com/learn/ds

Powerful productivity.

- Support your small workteams with this laser printer, designed for up to 7 users.
- Print more efficiently. You can save time, paper, and costs with duplex speeds at 35 ppm. [1]
- Get productivity in the palm of your hand. Print, scan, and save time with Shortcuts from HP Smart. [2]

Seamless management.

- Centralize your print management. HP Web Jetadmin makes it easy with its suite of features. [4]
- Set up your printers quickly. Streamlined setup makes it easy to set up and get back to business.
- Help protect your printer. Self-heal Wi-Fi detects anomalies and reboots automatically to prior safe state. [8]

HP Wolf Pro Security.

- Get printer security out of the box. Preconfigured settings mean it's ready when you are.
- Add a layer of security. PIN/pull option authenticates your print jobs only when you're present.
- Set configuration policies and validate settings universally with HP JetAdvantage Security Manager. [9]

Product walkaround

HP LaserJet Pro MFP 3103fdw Printer

1. Built for the small workteams of up to 7 users
2. Pre-configured security settings
3. Automatic 2-sided printing
4. Fast printing, up to 33 ppm A4, 250-sheet standard paper capacity
5. Dual-band WiFi® with self heal, USB and Ethernet
6. Cassette type input tray

Series at a glance

Model	HP LaserJet Pro MFP 3103fdn Printer	HP LaserJet Pro MFP 3103fdw Printer
Product number	3G631A	3G632A
Function	Print, copy, scan, fax	
Print speed	Up to 33 ppm A4	
Security	HP Wolf Pro Security	
Connectivity	Hi-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet	Hi-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz; BLE

Configurable Items, Accessories, Supplies and Support

Supplies	**W1450A** HP 145A Black Original LaserJet Toner Cartridge (Average cartridge yields 1,700 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
	W1450X HP 145X High Yield Black Original LaserJet Toner Cartridge (Average cartridge yields 3,800 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
Service and Support	**UH773E** HP 3 Year Onsite Exchange Service For LaserJet Printers **UH757E** HP 3 Year Next Business Day Exchange Service For LaserJet Printers **UH764E** HP 3 Year Return to Deport Service for LaserJet Printers

Technical specifications

Model	HP LaserJet Pro MFP 3103fdn Printer	HP LaserJet Pro MFP 3103fdw Printer
Product number	3G631A	3G632A
Functions	Print, copy, scan, fax	
Control panel	2.7" CGD; Touch Screen; 3 LED buttons (Back, Home, Info)	
Print		
Print technology	Laser	
Print speed[5]	**Black (A4, normal)** Up to 33 ppm ; **Black (A4, duplex)**: Up to 20 ipm	
First page out[6]	**Black (A4, ready)**: As fast as 7.0 sec ; **Black (A4, sleep)**: As fast as 8.7 sec	
Print resolution	**Black (best)**: Up to 1200 x 1200 dpi ; **Technology**: 600dpi with Resolution Enhancement technology (REt); ProRes 1200	
Monthly duty cycle	Up to 50,000 pages A4; **Recommended monthly page volume**: 350 to 2500 pages	
Printer smart software features	Automatic duplex, Easy OOBE, Scan Destinations, Smart security, Print always work, Print anywhere	
Standard print languages	PCL5c; PCL6; PS; PCLmS; PDF; URF; PWG; PCLm	
Fonts and typefaces	84 scalable TrueType fonts	
Print area	**Print margins** Top: 4.23 mm, Bottom: 4.23 mm, Left: 4.23 mm, Right: 4.23 mm; Maximum print area: 207 x 348 mm	
Duplex printing	Automatic (standard)	
Copy		
Copy speed	**Black (A4)**: Up to 33 cpm	
Copier specifications	Number of Copies; Lighter/Darker; Enhancements; Binding Margin; Paper; Multi-Page Copy; Collation; Quality ; **Maximum number of copies**: Up to 999 copies ; **Reduce/Enlarge**: 25 to 400%	
Scan		
Scan speed[8]	**Normal (A4)**: Up to 19 ppm (b&w), up to 8 ppm (color)	
Scan file format	JPG, TIFF, XPS, PDF, PDF/A	
Scanner specifications	**Scanner type**: ADF, flatbed; **Scan technology**: CIS; **Scan input modes**: HP Smart App; and user applications via Twain; **Twain version**: Version 2.1; **Duplex ADF scanning**: No; **Optical scan resolution**: Up to 300 dpi (color and mono, ADF); Up to 1200 dpi (color and mono, flatbed)	
Recommended monthly scan volume	150 to 1500	
Scannable area	**Maximum media size (flatbed)**: 216 x 297 mm; **Minimum media size (ADF)**: 148 x 210 mm **Maximum media size (ADF)**: 216 x 356 mm	
Bit depth/ Grey scale levels	24-bit / 256	
Fax		
Fax[3]	Yes,	
Fax specifications	**Fax memory**: Up to 500 pages; **Fax resolution**: Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; **Quick dialing**: Up to 200 numbers	
Processor speed	800 MHz	
Connectivity		
Standard	Hi-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet.	1 Hi-Speed USB 2.0 (device); Ethernet 10/100 BT; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz
Wireless	No	Yes
Mobile printing capability	HP Smart App; Apple AirPrint™; Mopria™ Certified	HP Smart App; Apple AirPrint™; Mopria™ Certified; Wireless Direct Printing; HP ROAM For Business; Optional ROAM Queue Printing
Supported network protocols	TCP/IP: IPv4; IPv6; IP Direct Mode; LPD; SLP; Bonjour; WS-Discovery; BOOTP/ DHCP/ AutoIP; WINS; SNMP v 1/2/3; and HTTP/HTTPS	
Network capabilities	10/100Mbps Ethernet.	10/100Mbps Ethernet; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz.
Hard disk	no hard disk	
Memory	**Standard**: 512 MB; **Maximum**: 512 MB	
Media handling		
Number of paper trays	**Standard**: 1 ; **Maximum**: 1 Main Tray	
Media types	Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards	
Media size	**Custom (metric)**: Width 76 to 216 mm ; Length 127 to 356mm ; **Supported (metric)**: 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 ; **ADF**: A4; LTR; LGL	
Media handling	**Standard input**: 1 main tray; 250 sheets or 10 envelopes **Standard output**: 150 sheets output tray **ADF**: Standard, 50 sheets	
Media weight	60 to 163 g/m²; **ADF**: 60 to 90 g/m²	
Input capacity	**Tray 1**: Sheets : up to 250; Envelopes : up to 10 **Maximum**: Up to 250 sheets **ADF**: Standard, 50 sheets	
Output capacity	**Standard**: Up to 150 sheets Envelopes: Up to 10 **Maximum**: Up to 150 sheets	

Technical specifications

Model	HP LaserJet Pro MFP 3103fdn Printer	HP LaserJet Pro MFP 3103fdw Printer
Product number	3G631A	3G632A
Compatible operating systems	Microsoft® Windows® 11, 10, 7 SP1: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer or Edge. Apple® macOS v10.15 Catalina, macOS v11 Big Sur, macOS v12 Monterey,; 2 GB HD; Internet required; Linux (For more information, see https://developers.hp.com/hp-linux-imaging-and-printing)	
Compatible network operating systems	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 http://developers.hp.com/hp-linux-imaging-and-printing,	
Minimum system requirements	**Windows**: Microsoft® Windows® 11, 10, 7 SP1: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer or Edge.; **Mac**: Apple® macOS v10.15 Catalina, macOS v11 Big Sur, macOS v12 Monterey; 2 GB HD; Internet required	
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	
Security management	Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change	
Printer management	HP Smart, HPSM, Web JetAdmin, admin.hpsmart.com	
Dimensions and weight		
Printer dimensions (W x D x H)	**Minimum** 418.0 x 398.2 x 313.2 mm; **Maximum**: 426.8 x 758.8 x 475.5 mm	
Printer weight	10.5kg	
Operating environment	**Temperature**: 15 to 32.5°C; **Humidity**: 30 to 70% RH	
Storage conditions	**Temperature**: -20 to 60ºC	
Acoustics	**Acoustic power emissions**: 6.6 B(A) (printing at 33ppm); **Acoustic pressure emissions**: 53 dB(A)	
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 ; **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)**[7]: Blue Angel: 0.402 kWh/week ; **Power supply type**: Internal (Built-in) power supply	
Certifications	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, UL, Chile, Argentina, Paraguay, Indonesia, Singapore, Philippines, etc. **Electromagnetic emission standard**: CISPR32:2012 & CISPR32:2015 /EN55032:2012 & EN55032:2015+AC:2016 - Class B; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 55035:2017; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 6 Blue Angel **Telecom compliance**: Fax Telecom: ES 203 021; FCC Title 47 CFR, Part 68; Industry Canada CS03; NOM-151-SCTI-1999 (Mexico); PTC-200 (New Zealand); other Telecom approvals as required by individual countries.	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, UL, Chile, Argentina, Paraguay, Indonesia, Singapore, Philippines, etc. **Electromagnetic emission standard**: CISPR32:2012 & CISPR32:2015 /EN55032:2012 & EN55032:2015+AC:2016 - Class B; EN 61000-3-2:2014; EN 61000-3-3:2013; EN 55035:2017; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 6 Blue Angel **Telecom compliance**: Wireless: EU RED 2014/53/EU; EN 301 489-1 V2.2.3 / draft EN 301 489-17: V3.2.0; EN 300 328: V2.1.1 / EN301 893 V2.1.1/ EN300 440-1 V2.1.1; FCC Title 47 CFR, Part 15 Subpart C & E / RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; IEC 62311:2007 / EN62311:2008 Fax Telecom: ES 203 021; FCC Title 47 CFR, Part 68; Industry Canada CS03; NOM-151-SCTI-1999 (Mexico); PTC-200 (New Zealand); other Telecom approvals as required by individual countries.
Sustainable impact specifications	Mercury free	
Blue Angel compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies	
Country of origin	Made in Vietnam	
What's in the box[1]	3G631A HP LaserJet Pro MFP 3103fdn Printer, Preinstalled HP Black LaserJet Toner Cartridge (~1,000 pages), Setup Guide, Reference Guide, Regulatory Flyer, Warranty Guide, Power cord	3G632A HP LaserJet Pro MFP 3103fdw Printer, Preinstalled HP Black LaserJet Toner Cartridge (~1,000 pages), Setup Guide, Reference Guide, Regulatory Flyer, Warranty Guide, Power cord
Warranty	One-year limited warranty	

Footnotes

[1] Measured using ISO/IEC 24734 and excludes first set of test documents. For more information, see hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity

[2] 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.

[4] HP Web Jetadmin is available for download at no additional charge at hp.com/go/webjetadmin.

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

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

[7] 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.

[8] 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

[9] HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit hp.com/go/securitymanager.

Technical specifications disclaimers

[1] For yield information on the cartridge included with your printer, see http://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.

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

[3] Based on standard ITU-T test image #1 at standard resolution. More complicated pages or higher resolution will take longer and use more memory.

[4] Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

[5] Measured using ISO/IEC 24734, excludes first set of test documents. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

[6] Measured using ISO/IEC 17629. For more information see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.

[7] 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.

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