

HP LaserJet Pro MFP 3103fdn/fdw Printer series



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

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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 Depot 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 OOB, 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 speed | 33.6 kbps (maximum); 14.4 kbps (default) | |
| 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 in box (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; 802.1x authentication | | |
| 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 60°C | | |
| 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): 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.

