Data sheet

HP LaserJet Pro MFP 3102fdw Printer

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

These printers are built for powerful productivity with fast speeds and reliable hardware, delivering effortless everyday use from wherever work happens so you can focus more on your business.

This printer uses dynamic security, which may be updated periodically by firmware updates. The printer is intended to be used solely with cartridges using an original HP chip. Cartridges using a non-HP chip may not function or may cease to function. More at: www.hp.com/learn/ds

Highlights

- Instant Ink for Laser available
- Fast print speed (33 ppm A4)
- High monthly duty cycle (50,000 pages)
- Automatic two-sided printing standard
- HP Smart app and Smart Adv/Pro
- HP Wolf Pro security
- 250 sheet standard paper input cassette
- Dual-band WiFi®, Bluetooth® LE, WiFi® Direct

2-sided printing   Ethernet   Precision black toner

High yield toner cartridge   Legendary HP reliability   Fax

Powerful productivity.

- Support your small workteams with this smart printer, designed for up to 7 users.
- Print more efficiently. Save time, paper, and costs with fast printing, scanning and auto two-sided printing.
- Do more in fewer steps. Simple shortcuts allow your employees to complete common tasks with just a touch.
- Get productivity in the palm of your hand. Print, scan, and save time with Shortcuts from HP Smart.[1]

Seamless management.

- Centralise print management for your enterprise. HP Web Jetadmin makes it easy with its suite of features.[2]
- Set up your printer quickly wherever work happens. Cloud connectivity makes it easy for your IT team.
- Access your printers from a single dashboard. Smart Admin guides you through setup and gives IT visibility.[3]
- Avoid interruptions with Wi-Fi® that intelligently looks for the best connection to stay on-line.[4]

HP Wolf Pro Security.

- Get printer security out of the box. Preconfigured settings mean it's ready when you are.
- Set up and manage your printers from a single dashboard. Smart Admin makes the experience seamless.[3]
- Centralise print management for your enterprise. HP Web Jetadmin makes it easy with its suite of features.[2]
- Set configuration policies and validate settings universally with HP JetAdvantage Security Manager.[5]

Hassle-free supplies management with Instant Ink.

- Enroll to save on Original HP Toner with Instant Ink. Get toner, delivery and recycling.[6,7,8]
- Never run out of toner with Instant Ink for laser.[9]
- With Instant Ink, get toner automatically delivered to workers or offices all on one consolidated bill.[8]
- With Instant Ink, you get to select the right plans for each of your printers. Change or cancel at any time.[10]

Product walkaround

HP LaserJet Pro MFP 3102fdw Printer shown

1. Fast printing, up to 35 ppm, 250-sheet standard paper capacity
2. Built for the small workteams of up to 7 users
3. Pre-configured security settings
4. Automatic 2-sided printing
5. High-speed USB ports, built-in fast Ethernet
6. Cassette type input tray

Accessories, Supplies and Support

Supplies	**W1390A** HP 139A Black Original LaserJet Toner Cartridge (Average cartridge yields 1,500 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
	W1390X HP 139X High Yield Black Original LaserJet Toner Cartridge (Average cartridge yields 4,000 standard pages. Declared yield value in accordance with ISO/IEC 19752.)
Service and Support	**UG207E** 3 years Advanced Exchange (All EMEA countries Except Adriatic, Africa, CIS, EEM, Israel, Middle East, Russia, South Africa, Turkey) **UG087E** 3 years Next Business Day Exchange (available in Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK) UG290E 3 years Return to Depot (available in Adriatic, Africa, CIS, EEM, Israel, Middle East, Russia, South Africa, Turkey)

Technical specifications

Model	HP LaserJet Pro MFP 3102fdw Printer
Product number	3G630F
Functions	Print, copy, scan, fax
Control panel	2.7" CGD; Touch Screen; 3 LED buttons (Back, Home, Info)
Print	
Print technology	Laser
Print speed[1]	**Black (A4, normal):** Up to 33 ppm ; **Black (A4, duplex):** Up to 20 ipm
First page out[2]	**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, HP Smart Pro, Print always work, Print anywhere, HP Smart Admin
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[3]	**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; **Scan size maximum (flatbed, ADF):** 216 x 297 mm; **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[4]	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; Wireless 802.11b/g/n, Dual band 2.4GHz/5GHz; BLE.
Mobile printing capability	HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® 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; 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
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
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; Downloadable Software from http://www.hp.com, http://www.hpsmart.com/setup, in-OS app stores.
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:** 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)**[6]: Energy Star: 0.407 kWh/week, 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, Energy Star, 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; EPEAT® Silver **Blue Angel compliant** Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies **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
Country of origin	Made in Vietnam
What's in the box[5]	3G630F HP LaserJet Pro MFP 3102fdw Printer; HP Black LaserJet Toner Introductory Cartridge (yield ~1000 pages); Setup Guide; Reference Guide; Regulatory Flyer; Warranty Guide; Power cord
Warranty	One-year limited warranty; Warranty and support options vary by product, country, and local legal requirements

Footnotes

[1] Requires the HP Smart app download. For details on local printing requirements see http://www.hp.com/go/mobileprinting. Certain features/software are available in English language only, and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in all countries. See details at http://www.hpsmart.com. Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores. Fax capabilities are for sending a fax only. After 3 months, a monthly fee applies to continue advanced features with HP Smart Pro. For more information, see http://www.hpsmart.com.

[2] HP Web Jetadmin is available for download at no additional charge at http://www.hp.com/go/webjetadmin.

[3] Easy set up and manage - Requires use of Smart Admin Dashboard for printer setup and onboarding of users.

[4] Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Learn more at http://www.hp.com/go/mobileprinting. Wi-Fi is a registered trademark of Wi-Fi Alliance®. 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) vs 2.4 GHz band (up to 72.2 mbps). Internet access required and must be purchased separately.

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

[6] Program availability varies. For details, see http://www.hp.com/recycle.

[7] Automatic delivery and consolidated bill: Printers require direct connection to the Internet for program participation. Internet access sold separately.

[8] Recycling: Through the HP Planet Partners program (where available), recycled plastics are used as raw material and combined with other materials to help make new Original HP cartridges and other everyday products. For details, see http://www.hp.com/recycle.

[9] Never run out: Based on plan usage, Internet connection to eligible HP printer, valid credit/debit card, email address, and delivery service in your geographic area.

[10] Change or cancel: Change or cancel your plan at any time online. If you decide to cancel your HP Instant Ink you can go back to using HP original Standard or XL cartridges. Plan upgrades are effective immediately and the charges will be applied retrospectively or in the next billing cycle, depending on user choice. Plan downgrades and cancellations are effective after the last day of the current billing period. For full details go to http://www.hpinstantink.com/terms.

Technical specifications disclaimers

[1] 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.

[2] 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.

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

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

[5] 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.