

# HP LaserJet Pro MFP 3102fdn 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](http://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



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.<sup>1</sup>

## Seamless management.

- Centralise print management for your enterprise. HP Web Jetadmin makes it easy with its suite of features.<sup>2</sup>
- 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.<sup>3</sup>

## 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.<sup>3</sup>
- 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.<sup>4</sup>

## Hassle-free supplies management with Instant Ink.

- Enroll to save on Original HP Toner with Instant Ink. Get toner, delivery and recycling.<sup>5,6,7</sup>
- Never run out of toner with Instant Ink for laser.<sup>8</sup>
- With Instant Ink, get toner automatically delivered to workers or offices all on one consolidated bill.<sup>7</sup>
- With Instant Ink, you get to select the right plans for each of your printers. Change or cancel at any time.<sup>9</sup>

## Product walkaround

### Accessories, Supplies and Support

|                            |  |
|----------------------------|--|
| <b>Supplies</b>            | <b>W1390A</b> HP 139A Black Original LaserJet Toner Cartridge (Average cartridge yields 1,500 standard pages. Declared yield value in accordance with ISP/IEC 19752.)  |
|                            | <b>W1390X</b> HP 139X High Yield Black Original LaserJet Toner Cartridge (Average cartridge yields 4,000 standard pages. Declared yield value in accordance with ISP/IEC 19752.)   |
| <b>Service and Support</b> | <b>UG207E</b> 3 years Advanced Exchange (All EMEA countries Except Adriatic, Africa, CIS, EEM, Israel, Middle East, Russia, South Africa, Turkey)<br><b>UG087E</b> 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)<br><b>UG290E</b> 3 years Return to Depot (available in Adriatic, Africa, CIS, EEM, Israel, Middle East, Russia, South Africa, Turkey) |

## Technical specifications

|   |  |
|---|--|
| <b>Model</b>                                | HP LaserJet Pro MFP 3102fdn Printer  |
| <b>Product number</b>                       | 3G629F   |
| <b>Functions</b>                            | Print, copy, scan, fax   |
| <b>Control panel</b>                        | 2.7" CGD; Touch Screen; 3 LED buttons (Back, Home, Info)   |
| <b>Print</b>                                |  |
| Print technology                            | Laser  |
| Print speed <sup>5</sup>                    | <b>Black (A4, normal):</b> Up to 33 ppm; <b>Black (A4, duplex):</b> Up to 20 ipm   |
| First page out <sup>6</sup>                 | <b>Black (A4, ready):</b> As fast as 7.0 sec; <b>Black (A4, sleep):</b> As fast as 8.7 sec   |
| Print resolution                            | <b>Black (best):</b> Up to 1200 x 1200 dpi; <b>Technology:</b> 600dpi with Resolution Enhancement technology (RET); ProRes 1200  |
| Monthly duty cycle                          | Up to 50,000 pages A4; <b>Recommended monthly page volume:</b> 350 to 2500 pages   |
| Printer smart software features             | Automatic duplex, Easy 00BE, Scan Destinations, Smart security, HP Smart Pro, Print anywhere 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                                  | <b>Print margins</b> 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)   |
| <b>Copy</b>                                 |  |
| Copy speed                                  | <b>Black (A4):</b> Up to 33 cpm  |
| Copier specifications                       | Number of Copies; Lighter/Darker; Enhancements; Binding Margin; Paper; Multi-Page Copy; Collation; Quality; <b>Maximum number of copies:</b> Up to 999 copies; <b>Reduce/Enlarge:</b> 25 to 400%   |
| <b>Scan</b>                                 |  |
| Scan speed <sup>8</sup>                     | <b>Normal (A4):</b> Up to 19 ppm (b&w), up to 8 ppm (color)  |
| Scan file format                            | JPG, TIFF, XPS, PDF, PDF/A   |
| Scanner specifications                      | <b>Scanner type</b> ADF, flatbed; <b>Scan technology:</b> CIS; <b>Scan input modes:</b> HP Smart App; and user applications via Twain; <b>Twain version:</b> Version 2.1; <b>Duplex ADF scanning:</b> No; <b>Scan size maximum (flatbed, ADF):</b> 216 x 297 mm; <b>Optical scan resolution:</b> 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                              | <b>Maximum media size (flatbed):</b> 216 x 297 mm ; <b>Minimum media size (ADF):</b> 148 x 210 mm <b>Maximum media size (ADF):</b> 216 x 356 mm  |
| Bit depth/ Grey scale levels                | 24-bit / 256   |
| <b>Fax</b>                                  |  |
| Fax <sup>3</sup>                            | Yes,   |
| Fax specifications                          | <b>Fax memory:</b> Up to 500 pages; <b>Fax resolution:</b> Standard: 203 x 98 dpi; Fine: Up to 203 x 196 dpi; Superfine: Up to 300 x 300 dpi; <b>Quick dialing:</b> Up to 200 numbers  |
| <b>Processor speed</b>                      | 800 MHz  |
| <b>Connectivity</b>                         |  |
| Standard                                    | Hi-Speed USB device (compatible with USB 2.0 specifications); 10/100Mbps Ethernet.   |
| Mobile printing capability                  | HP Smart App; Apple AirPrint™; Mopria™ Certified   |
| 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.   |
| <b>Hard disk</b>                            | no hard disk   |
| <b>Memory</b>                               | <b>Standard:</b> 512 MB ; <b>Maximum:</b> 512 MB   |
| <b>Media handling</b>                       |  |
| Number of paper trays                       | <b>Standard:</b> 1 ; <b>Maximum:</b> 1 Main Tray   |
| Media types                                 | Paper (Cut sheets, plain, glossy film, labels), envelopes, card stock, postcards   |
| Media size                                  | <b>Custom (metric):</b> Width 76 to 216 mm ; Length 127 to 356mm <b>Supported (metric):</b> 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 <b>ADF:</b> A4; LTR; LGL  |
| Media handling                              | <b>Standard input:</b> 1 main tray; 250 sheets or 10 envelopes <b>Standard output:</b> 150 sheets output tray <b>ADF:</b> Standard, 50 sheets  |
| Media weight                                | 60 to 163 g/m <sup>2</sup>   |
| Input capacity                              | <b>Tray 1:</b> Sheets : up to 250; Envelopes : up to 10 <b>Maximum:</b> Up to 250 sheets <b>ADF:</b> Standard, 50 sheets   |
| Output capacity                             | <b>Standard:</b> Up to 150 sheets Envelopes: Up to 10 <b>Maximum:</b> Up to 150 sheets   |
| <b>Compatible operating systems</b>         | 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 <a href="https://developers.hp.com/hp-linux-imaging-and-printing">https://developers.hp.com/hp-linux-imaging-and-printing</a> )   |
| <b>Compatible network operating systems</b> | 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 <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a> ,   |
| <b>Minimum system requirements</b>          | <b>Windows:</b> Microsoft® Windows® 11, 10, 7 SP1: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer or Edge. <b>Mac:</b> Apple® macOS v10.15 Catalina, macOS v11 Big Sur, macOS v12 Monterey; 2 GB HD; Internet required  |
| <b>Software included</b>                    | No CD in box; Downloadable Software from <a href="http://www.hp.com">http://www.hp.com</a> , <a href="http://www.hpsmart.com/setup">http://www.hpsmart.com/setup</a> , in-OS app stores.   |
| <b>Security management</b>                  | Password-protected network embedded Web server; enable/disable Network ports; SNMPv1 community password change   |
| <b>Printer management</b>                   | HP Smart, HPSM, Web JetAdmin, admin.hpsmart.com  |
| <b>Dimensions and weight</b>                |  |
| Printer dimensions (W x D x H)              | <b>Minimum</b> 418.0 x 398.2 x 313.2 mm; <b>Maximum:</b> 426.8 x 758.8 x 475.5 mm  |
| Printer weight                              | 10.5kg   |
| <b>Operating environment</b>                | <b>Temperature:</b> 15 to 32.5°C <b>Humidity:</b> 30 to 70% RH   |
| <b>Storage conditions</b>                   | <b>Temperature:</b> -20 to 60°C  |
| <b>Acoustics</b>                            | <b>Acoustic power emissions:</b> 6.6 B(A) (printing at 33ppm) <b>Acoustic pressure emissions:</b> 53 dB(A)   |
| <b>Power</b>                                | <b>Requirements:</b> 220-volt input voltage: 220 to 240 VAC (+/- 10%), 60 Hz/50 Hz; <b>Consumption:</b> 436 watts (active printing), 4.5 watts (ready), 1.31 watts (sleep), 0.06 watts (Manual Off), 0.06 watts (Auto Off/Manual On); <b>Typical Electricity Consumption (TEC):</b> Energy Star: 0.407 kWh/week, Blue Angel: 0.402 kWh/week; <b>Power supply type:</b> Internal (Built-in) power supply  |
| <b>Certifications</b>                       | 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. <b>Electromagnetic emission standard:</b> 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 <b>Telecom compliance:</b> 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. |
| <b>Sustainable impact specifications</b>    | Mercury free   |
| <b>Country of origin</b>                    | Made in Vietnam  |
| <b>What's in the box</b> <sup>1</sup>       | 3G629F HP LaserJet Pro MFP 3102fdn Printer; HP Black LaserJet Toner Introductory Cartridge (yield ~1000 pages); Setup Guide; Reference Guide; Regulatory Flyer; Warranty Guide; Power cord   |
| <b>Warranty</b>                             | One-year limited warranty; Warranty and support options vary by product, country, and local legal requirements   |

## Footnotes

<sup>1</sup> 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>.

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

<sup>3</sup> Easy set up and manage - Requires use of Smart Admin Dashboard for printer setup and onboarding of users.

<sup>4</sup> HP JetAdvantage Security Manager must be purchased separately. To learn more, please visit <http://www.hp.com/go/securitymanager>.

<sup>5</sup> Program availability varies. For details, see <http://www.hp.com/recycle>.

<sup>6</sup> Automatic delivery and consolidated bill: Printers require direct connection to the Internet for program participation. Internet access sold separately.

<sup>7</sup> 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](http://hp.com/recycle).

<sup>8</sup> 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.

<sup>9</sup> 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

<sup>1</sup> 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.

<sup>2</sup> 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>

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

<sup>4</sup> 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.

<sup>5</sup> 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.

<sup>6</sup> 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.

<sup>7</sup> 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.

<sup>8</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.

