Data sheet

# HP Color LaserJet Pro MFP 3302fdw

## High-Speed. Vivid Colour. Pro Performance.

Designed for business work teams that need professional performance with fast, high-quality two-sided printing and scanning with copying and fax, plus award-winning reliability in a compact design.[11]





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



Fast two-sided printing



Time saving



Printer security settings



Environmental globe

### Professional colour and speed

- Experience high-speed, automatic two-sided colour printing at 25 pages per minute.[1]
- Bring your business to life with next-generation TerraJet Toner designed for more true-to-life, vibrant colours.[8]
- Streamline your workspace and help boost your team's efficiency with this compact laser printer.

### Peace-of-mind with award-winning reliability[11]

- Performance you can count on page after page with award-winning reliability.[11]
- Keep your business connected with reliable Wi-Fi® that automatically reconnects to stay online.[2]
- Rely on low maintenance printing to avoid downtime and stay focused on your business.

### Pro level security to help protect your business

- Safeguard your business with proactive, embedded security ready out of the box and tamper-resistant toner.[12]
- Professional level printer security with preconfigured settings mean it's ready for business.
- Strengthen and simplify compliance. HP Security Manager upgrade applies policies across your printer network.[10]

### Compact and energy efficient design

- Designed in a compact size with energy saving auto-on/auto-off technology to optimise printer energy use.
- Specially formulated HP TerraJet Toner engineered for low energy use when printing.[7]
- Trim your paper use. Default duplex setting prints on both sides of each page.
- Easily recycle your used Original HP Toner Cartridges for free through the HP Planet Partners program.[9]

# Product walkaround

### HP Color LaserJet Pro MFP 3302fdw

1. Fast, automatic two-sided printing
2. 2- sided copying / scanning
3. 4.3" CGD Touchscreen
4. Auto-jam recovery
5. Print speed up to 26/25 ppm (Letter/A4)
6. 250-sheet input tray with 1-sheet MP tray
7. Timesaving Shortcuts
8. 50-page automatic document feeder
9. Easy, guided setup
10. Wolf Pro Security
11. Dual-band Wi-Fi®, Wi-Fi® Direct, High-Speed USB ports, Ethernet




# Accessories, Supplies and Support

| | |
|---|---|
| Supplies | **W2190A** HP 219A Black Original LaserJet Toner Cartridge (~1,300 pages black) |
| | **W2190X** HP 219X High Yield Black Original LaserJet Toner Cartridge (~3,200 pages black) |
| | **W2191A** HP 219A Cyan Original LaserJet Toner Cartridge (~1,200 pages cyan) |
| | **W2191X** HP 219X High Yield Cyan Original LaserJet Toner Cartridge (~2,500 pages cyan) |
| | **W2192A** HP 219A Yellow Original LaserJet Toner Cartridge (~1,200 pages yellow) |
| | **W2192X** HP 219X High Yield Yellow Original LaserJet Toner Cartridge (~2,500 pages yellow) |
| | **W2193A** HP 219A Magenta Original LaserJet Toner Cartridge (~1,200 pages magenta) |
| | **W2193X** HP 219X High Yield Magenta Original LaserJet Toner Cartridge (~2,500 pages magenta) |
| Service and Support | **UG207E** - HP 3 years Standard exchange for HP Color LaserJet Pro MFP 3301-3303, 3388 Printer Series<br>**UG087E** - HP 3 years Next Business Day exchange for HP Color LaserJet Pro MFP 3301-3303, 3388 Printer Series<br>**UG290E** - HP 3 years Return to Depot for HP Color LaserJet Pro MFP 3301-3303, 3388 Printer Series<br>(UG207E - available in all EMEA countries, except Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey, UG087E - available in Austria, Belgium, Czech Rep, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK, UG290E - available in Adriatic, Africa, CIS, EEM, Israel, ME, Russia, Romania, Slovenia, South Africa, Turkey) |

# Technical specifications

| | |
|---|---|
| **Model** | **HP Color LaserJet Pro MFP 3302fdw** |
| **Product number** | 499Q8F |
| **Functions** | Print, copy, scan, fax |
| **Control panel** | 4.3" Capacitive Touch Color Display |
| **Print** | |
| Print technology | Laser |
| Print speed[7] | **Black (A4, normal)**: Up to 25 ppm **Colour (A4, normal)**: Up to 25 ppm ; **Black (A4, duplex)**: Up to 15 ipm **Colour (A4, duplex)**: Up to 15 ipm |
| First page out[9] | **Black (A4, ready)**: As fast as 10.9 sec **Colour (A4, ready)**: As fast as 11.0 sec ; **Black (A4, sleep)**: As fast as 11.0 sec **Colour (A4, sleep)**: As fast as 11.1 sec |
| Print resolution | **Black (best)**: Up to 600 x 600 dpi **Colour (best)**: Up to 600 x 600 dpi |
| Monthly duty cycle[10] | Up to 40,000 pages A4; **Recommended monthly page volume**[11]: 150 to 2,500 |
| Standard print languages | HP PCL6, PostScript, HP PCL5, PDF, URF, PWG-Raster, PCLM, JPEG |
| Fonts and typefaces | 111 Scalable TrueType Fonts |
| Print area | **Print margins** Top: 5 mm, Bottom: 5 mm, Left: 5 mm, Right: 5 mm; Maximum print area : 215.9 x 355.6 mm |
| Duplex printing | Automatic |
| **Copy** | |
| Copy speed[4] | **Black (A4)**: Up to 25 cpm; **Colour (A4)**: Up to 25 cpm |
| Copier specifications | Color; ID Copy; Number of Copies; Lighter/Darker; Original Size; Paper Size; Paper type; Two-sided copy; Paper Source; Duplex; N-up; Binding Margin; Booklet; **Maximum number of copies**: Up to 999 copies; **Reduce/Enlarge**: 25 to 400% |
| **Scan** | |
| Scan speed[12] | **Normal (A4)**: Up to 19 ppm (b&w), Up to 8 ppm (color) ;**Duplex (A4)**: Up to 34 ipm (b&w), up to 16 ipm (color) |
| Scan file format | JPG; PDF; PDFA; TIFF |
| Scanner specifications | **Scanner type** ADF; Flatbed; **Scan technology**: Contact Image Sensor (CIS); **Scan input modes**: Front-panel scan; HP Universal Scan and user applications via Twain; **Twain version**: Version 2.1; **Duplex ADF scanning**: Yes; **Optical scan resolution**: Up to 300 dpi (color and monochrome, ADF); Up to 1200 dpi (color and monochrome, Flatbed) |
| Scanner advanced features | HP Universal Scan |
| 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 |
| Digital sending | Standard: Scan to Email, Scan to Network Folder, Scan to Sharepoint, Scan to USB, Scan to Computer |
| **Fax** | |
| Fax | Yes, 33.6 kbps |
| 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 |
| Fax smart software features | Mobile Fax with HP Cloud Account |
| **Processor speed** | 1.2 GHz |
| **Connectivity** | |
| Standard | 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); 1 Wi-Fi 802.11ac (dual band); 2 RJ-11 Fax/Modem port/phone line; Auto-crossover Ethernet; 1 Gigabit Ethernet 10/100TX network |
| Mobile printing capability | HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing |
| Supported network protocols | TCP/IPv4, TCP/IPv6, DHCP, DNS. |
| Network capabilities | Built-in 10/100Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X |
| **Memory** | **Standard**: 512 MB ; **Maximum**: 512 MB |
| **Media handling** | |
| Number of paper trays | **Standard**: 2 ;**Maximum**: 2 |
| Media types | Paper (bond, brochure, colored, glossy, heavy, letterhead, light, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock |
| Media size | **Custom (metric)**: 76 x 127 mm to 216 x 356 mm **Supported (metric)**: A4; A5; A6; B5 (JIS); B6 (JIS); 10 x 15 cm; Oficio 216 x 340 mm; 16K 195 x 270 mm; 16K 184 x 260 mm; 16K 197 x 273 mm; Postcard (JIS); Envelope B5; Envelope C5; Envelope DL; A5-R **ADF**: A4; LTR; LGL |
| Media handling | **Standard input:** 250 sheets Main Input Tray, 1 sheet Priority Feed Tray **Standard output:** 100 sheets Output Tray |
| Media weight | 60 to 163 g/m² Paper; Up to 176 g/m² with postcards; Up to 200g/m² Glossy Papers |
| Input capacity | **Tray 1:** 1 sheet for all media type **Tray 2:** Sheets: Up to 250; Transparencies: Up to 10mm; Envelope: Up to 10 **Maximum:** Up to 251 sheets **ADF:** Standard, 50 sheets |
| Output capacity | **Standard:** Up to 100 sheets @ 75gsm (or up to 15 mm stack) Envelopes: Up to 10 envelope Transparencies: Up to 10 mm stack **Maximum:** Up to 100 sheets @ 75gsm (or up to 15 mm stack) |
| **Compatible operating systems**[13] | Windows 11; Windows 10; Android; iOS; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia; Linux |
| **Compatible network operating systems** | Windows 11; Windows 10; Windows Server; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia; Linux |
| **Minimum system requirements** | **Windows**: Microsoft® Windows® 11, 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection<br>**Mac**: Apple® macOS 12.0 Monterey; macOS 13.0 Ventura; macOS v14 Sonoma; 2GB HD; Internet required |
| **Software included** | HP Printer Software downloadable from https://www.hpsmart.com/download |
| **Security management** | Unique Admin Password; Enable/Disable USB; EWS Session Time Out; Control Panel Inactivity Timeout; Role Based Access Control; WebScan Disabled by default. |
| **Printer management** | HP Web Jetadmin |
| **Dimensions and weight** | |
| Printer dimensions (W x D x H)[5] | **Minimum** 418 x 419.12 x 341.32 mm; **Maximum**: 428 x 472 x 455 mm |
| Printer weight[15] | ~17.1 kg |
| **Operating environment** | **Temperature**: 15 to 30°C **Humidity**: 30 to 70% RH |
| **Storage conditions** | **Temperature**: -20 to 60°C |
| **Acoustics**[6] | **Acoustic power emissions**: 6.3 B(A) **Acoustic pressure emissions**: 51 dB(A) |
| **Power**[3] | **Requirements**: 220-volt input voltage: 220 – 240V (±10%) @ 50Hz ± 3 Hz, 60Hz ± 3 Hz; 110-volt input voltage: 110 – 127V (±10%) @ 50Hz ± 3 Hz, 60Hz ± 3 Hz (Not dual voltage, product varies by part number with # Option code identifier);<br>**Consumption**: 416 watts (printing), 7.6 watts (ready), 0.95 watts (sleep), 0.05 watts (auto-off), 0.05 watts (manual-off);<br>**Typical Electricity Consumption (TEC)**[3]: 0.338 kWh/week (Energy Star);<br>**Power supply type**: Internal (Built-in) power supply |
| **Energy savings feature technology** | HP Auto-On/Auto-Off Technology |
| **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, Paraguay, Chile, Indonesia, Singapore, Philippines, etc.<br>**Electromagnetic emission standard**: EN IEC 61000-3-2:2019 +A1:2021; EN 61000-3-3:2021; CISPR 32:2019; CISPR 35:2016; EN 55032:2015+A11:2020+A1:2020; EN 55035:2017+A11:2020; EN 61000-4-12:2017; FCC CFR 47 Part 15B; ICES-003, Issue 6:2019; Other EMC approvals as required by individual countries.<br>Blue Angel<br>**Blue Angel compliant** Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies<br>**Telecom compliance**: Fax: ES 203 021-1 v2.1.1; ES 203 021-2 v2.1.2; ES 203 021-3 v2.1.2; 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. Wireless: EU RED 2014/53/EU; EN 301 489-1 V2.2.3 / EN 301 489-17: V3.2.4; EN 300 328: V2.2.2 / EN301 893 V2.1.1/ EN300 440-1 V2.1.1; FCC Title 47 CFR, Part 15 Subpart B, Class B / RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; EN62311:2008; Other Telecom approvals as required by individual countries |
| **Sustainable impact specifications** | Contains post-consumer recycled plastic |
| **Country of origin** | Made in Vietnam |
| **What's in the box**[2] | 499Q8F HP Color LaserJet Pro MFP 3302fdw; Power cord; Toner cartridge; User Guide; Flyers<br>4 preinstalled HP LaserJet Toner cartridges (Black: 600 pages, Introductory-Cyan, Magenta, Yellow: 500 pages) |
| **Warranty** | One-year limited warranty. For more information please visit us at https://www.support.hp.com[14]. 3-year HP commercial warranty at no extra cost (register within first 60 days at https://www.hp.com/eu/3yearwarranty ). |

## Footnotes

[1] Measured using ISO/IEC 24734 and 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.
[2] 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) vs. 2.4 GHz band (up to 72.2 mbps). Learn more at: https://www.hp.com/go/mobileprinting
[5] HP Web Jetadmin is available for download at no additional charge at https://www.hp.com/go/webjetadmin
[7] HP calculations based on normalised Energy Star® TEC data of HP LaserJet Pro and Enterprise series with HP TerraJet Cartridges compared to predecessors. See https://www.hp.com/TerraJet/energysaving
[8] Standard print mode for HP Color LaserJet Pro series with HP TerraJet Toner Cartridges compared to predecessors. See https://www.hp.com/TerraJet/colors
[9] HP Planet Partners program availability varies. For details, see https://www.hp.com/recycle
[10] HP Security Manager must be purchased separately. For details, see https://www.hp.com/go/securitymanager
[11] Buyers Lab (BLI) 2022-2024 Most Reliable A4 Brand Award based on devices tested by Keypoint Intelligence from 2017 to 2021. See https://www.keypointintelligence.com/view-award?region=&id=135871174680
[12] HP office-class printing systems are select Managed and Enterprise devices with FutureSmart firmware 4.5 and up, Pro devices, LaserJet models 200 and up, with respective Original HP Toner, PageWide and Ink Cartridges. Does not include HP integrated printhead cartridges. Digital supply-chain tracking, hardware, chips and packaging security features vary locally by SKU. See https://www.hp.com/cartridgesecurity
[13] Based on 2023 Q2 shipments in the IDC Worldwide Quarterly Hardcopy Peripherals Tracker®, 2023 Q2 Release. Includes shipments of all printing devices (inkjet printers, laser printers, copiers and multifunction devices, including production units).
[18] HP account required for full functionality.
[19] HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; may require a firmware upgrade.

## Technical specifications disclaimers

[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. Energy Star value typically based on measurement of 115V device.
[2] For yield information on the cartridge(s) included with your printer, see https://www.hp.com/go/toneryield . Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.
[3] Declared yields based on ISO/IEC 19798 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] End to End Dimensions when printer is setup and on standby
[6] Configuration tested: base model, simplex printing, A4 paper at an average of 25 ppm
[7] 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.
[9] 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.
[10] 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.
[11] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period.
[12] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.
[13] Windows Server 2016, Windows Server 2019, Windows Server 2022, Linux (For more information see https://www.developers.hp.com/hp-linux-imaging-and-printing )
[14] Warranty and support options vary by product, country, and local legal requirements
[15] Product weight inclusive of starter supplies
[16] Recommended Auto Document Feeder Capacity when doing multiple two-sided copies is 25 sheets.

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