

# HP Color LaserJet Pro MFP 3301fdw

Reliable, high-quality two-sided printing and scanning with copying and fax.



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.<sup>11</sup>



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>

**Print Speed:** Letter: Up to 26 ppm black; Up to 26 ppm color; First Page Out: As fast as 10.8 sec black; As fast as 10.9 sec color

**Print Resolution:** Black (best): Up to 600 x 600 dpi; Color (best): Up to 600 x 600 dpi

**Scan Resolution:** Hardware: Up to 300 x 300 dpi (ADF); Up to 1200 x 1200 dpi (Flatbed); Optical: Up to 300 dpi (ADF); Up to 1200 dpi (Flatbed)

**Copy Resolution:** Up to 600 x 600 dpi

**Standard Connectivity:** 1 Gigabit Ethernet 10/100/1000 Base-TX network; 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

**Mobile Printing Capability:** HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® DirectPrinting

**Duty cycle:** Monthly (letter): Up to 40,000 pages

**Display:** 4.3" diagonal color TFT-backlit (480 x 272)

**Paper Handling:** 250-sheets input tray; 100-sheet output bin

## Professional color and speed

- Experience high-speed, automatic, two-sided color printing up to 26 pages per minute (Letter) / 25 pages per minute (A4).<sup>1</sup>
- Bring your business to life with next-generation TerraJet Toner designed for more true-to-life, vibrant colors.<sup>8</sup>
- Streamline your workspace and help boost your team's efficiency with this compact laser printer.

## Peace-of-mind with award-winning reliability<sup>11</sup>

- Performance you can count on page after page with award-winning reliability.<sup>11</sup>
- Keep your business connected with reliable Wi-Fi® that automatically reconnects to stay online.<sup>2</sup>
- 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.<sup>12</sup>
- 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.<sup>10</sup>

## Compact and energy efficient design

- Designed in a compact size with energy saving auto-on/auto-off technology to optimize printer energy use.<sup>19</sup>
- Specially formulated HP TerraJet Toner engineered for low energy use when printing.<sup>7</sup>
- 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.<sup>9</sup>



<sup>1</sup> 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. <sup>2</sup> 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> <sup>3</sup> HP Web Jetadmin is available for download at no additional charge at <https://www.hp.com/go/webjetadmin> <sup>4</sup> HP calculations based on normalized Energy Star® EEC data of HP LaserJet Pro and Enterprise series with HP TerraJet Cartridges compared to predecessors. See <https://www.hp.com/terrajeteffectiveness> <sup>5</sup> Standard print mode for HP Color LaserJet Pro series with HP TerraJet Toner Cartridges compared to predecessors. See <https://www.hp.com/terrajetcars> <sup>6</sup> HP Planet Partners program availability varies. For details, see <https://www.hp.com/recycle> <sup>7</sup> HP Security Manager must be purchased separately. For details, see <https://www.hp.com/go/securitymanager> <sup>8</sup> 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> <sup>9</sup> 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> <sup>10</sup> Based on 2023 Q2 shipments in the IDC Worldwide Quarterly Peripherals Tracker®, 2023 Q2 Release. Includes shipments of all printing devices (inkjet printers, laser printers, copiers and multifunction devices, including production units). <sup>11</sup> HP account required for full functionality. <sup>12</sup> Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2.

HP Color LaserJet Pro MFP 3301fdw Technical specifications

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Functions                                     | Print, copy, scan, fax                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Print speed black <sup>7, 8</sup>             | <b>Letter:</b> Up to 26 ppm; <b>First page out:</b> As fast as 10.8 sec; <b>Print speed duplex:</b> Up to 15.5 ipm; <b>Print speed (Landscape, A5):</b> Up to 43 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Print speed color <sup>7, 8</sup>             | <b>Letter:</b> Up to 26 ppm; <b>First page out:</b> As fast as 10.9 sec; <b>Print speed duplex:</b> Up to 15.5 ipm; <b>Print speed (Landscape, A5):</b> Up to 26 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Print resolution                              | <b>Black (best):</b> Up to 600 x 600 dpi; <b>Color (best):</b> Up to 600 x 600 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Print technology                              | Laser                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Print cartridges number                       | 4 (1 each black, cyan, magenta, yellow)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Standard print languages                      | HP PCL6, PostScript, HP PCL5, PDF, URF, PWG-Raster, PCLM, JPEG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Scan speed <sup>11</sup>                      | Up to 20 ppm (b&w), Up to 9 ppm (color)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Scan type                                     | ADF; Flatbed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Technology                                    | Contact Image Sensor (CIS)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Scan resolution                               | <b>Hardware:</b> Up to 300 x 300 dpi (color and monochrome, ADF); Up to 1200 x 1200 dpi (color and monochrome, Flatbed); <b>Optical:</b> Up to 300 dpi (color and monochrome, ADF); Up to 1200 dpi (color and monochrome, Flatbed)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Scan file format                              | JPG; PDF; PDF/A; TIFF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Scan input modes                              | Front-panel scan; HP Universal Scan and user applications via Twain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Scan size maximum                             | 8.5 x 14 in / 216 x 356 mm <b>Flatbed:</b> 8.5 x 11.7 in / 216 x 297 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Scanner advanced features                     | HP Universal Scan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Bit depth / Grayscale levels                  | 24-bit/256                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Digital sending standard features             | Scan to Email, Scan to Network Folder, Scan to Sharepoint, Scan to USB, Scan to Computer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Copy speed black <sup>4</sup>                 | <b>Copy speed:</b> Up to 26 cpm; <b>First copy out:</b> As fast as 9.6 sec; <b>Copy speed Duplex:</b> Up to 15.5 cpm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Copy speed color <sup>4</sup>                 | <b>Copy speed:</b> Up to 26 cpm; <b>First copy out:</b> As fast as 13.5 sec; <b>Copy speed Duplex:</b> Up to 15.5 cpm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Copy resolution                               | <b>Black (text and graphics):</b> Up to 600 x 600 dpi Up to 600 x 600 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Maximum number of copies                      | Up to 999 copies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Copier settings                               | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Copier resize                                 | 25 to 400%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Fax speed                                     | <b>Up to:</b> Up to 33.6 kbps / <b>Letter:</b> 3 sec per page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Fax resolution                                | <b>Black (best):</b> Up to 300 x 300 dpi; <b>Black (standard):</b> 203 x 98 dpi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Fax smart software features                   | Mobile Fax with HP Cloud Account                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Fax Features                                  | <b>Fax memory:</b> Up to 500 pages; <b>Auto fax reduction supported:</b> Yes; <b>Auto-redialing:</b> Yes; <b>Fax delayed sending:</b> Yes; <b>Distinctive ring detection supported:</b> Yes; <b>Fax forwarding supported:</b> Yes; <b>Fax phone TAM interface supported:</b> No; <b>Fax polling supported:</b> No; <b>Fax telephone mode supported:</b> Yes; <b>Junk barrier supported:</b> Yes, requires Caller ID; <b>Maximum speed dialing numbers:</b> Up to 200 numbers; <b>PC interface supported:</b> Yes, Windows fax driver, HP PC Send Fax Driver 2.0; <b>Remote retrieval capability supported:</b> No; <b>Telephone handset supported:</b> No |
| Standard connectivity                         | 1 Gigabit Ethernet 10/100/1000 Base-TX network; 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host); 1 Wi-Fi 802.11 ac (dual band); 2 RJ-11 Fax/Modem port/phone line; Auto-crossover Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Network capabilities                          | Built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Wireless capability                           | Built-in dual-band Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Mobile printing capability                    | HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Memory                                        | <b>Standard:</b> 512 MB; <b>Maximum:</b> 512 MB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Processor speed                               | 1.2 GHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Storage                                       | 0.512GByte (4Gbits) NAND Flash                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Duty cycle <sup>9</sup>                       | <b>Monthly, letter:</b> Up to 40,000 pages; <b>Monthly, A4:</b> Up to 40,000 pages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Recommended monthly page volume <sup>10</sup> | 150 to 2,500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Media types supported                         | Paper (bond, brochure, colored, glossy, heavy, letterhead, light, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Media weight supported                        | 16 to 43 lb Paper (Bond); Up to 47 lb (Bond) with postcards; Up to 52 lb (Bond) Glossy Papers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Media sizes supported                         | Letter; Legal; Executive; Oficio 8.5 x 13; 4 x 6 in; 5 x 8 in; Envelope #10; Envelope Monarch                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Media Sizes Custom                            | 3 x 5 in to 8.5 x 14 in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Paper handling                                | <b>Input Capacities:</b> Tray 2: Up to 250 sheets (Up to 25 mm stack); Up to 10 envelopes<br><b>Auto Document Feeder:</b> Standard, 50 sheets <sup>15</sup><br><b>Output Capacities:</b> Up to 100 sheets @ 75gsm (or up to 15 mm stack); Up to 10 envelope<br><b>Duplex Options:</b> Automatic<br><b>Envelope feeder:</b> NO<br><b>Standard paper trays:</b> 2                                                                                                                                                                                                                                                                                           |

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|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| What's in the box <sup>2</sup>             | <b>499Q5F</b> HP Color LaserJet Pro MFP 3301fdw; Power cord; Toner cartridge; User Guide; Flyers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Page yield (set-up/inbox cartridges)       | 4 preinstalled HP LaserJet Toner cartridges (Black: 600 pages, Introductory-Cyan, Magenta, Yellow: 500 pages)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Replacement supplies <sup>3</sup>          | HP 218A Black Original LaserJet Toner Cartridge (~1,300 pages) W2180A; HP 218A Cyan Original LaserJet Toner Cartridge (~1,200 pages) W2181A; HP 218A Yellow Original LaserJet Toner Cartridge (~1,200 pages) W2182A; HP 218A Magenta Original LaserJet Toner Cartridge (~1,200 pages) W2183A; HP 218X High Yield Black Original LaserJet Toner Cartridge (~3,200 pages) W2180X; HP 218X High Yield Cyan Original LaserJet Toner Cartridge (~2,500 pages) W2181X; HP 218X High Yield Yellow Original LaserJet Toner Cartridge (~2,500 pages) W2182X; HP 218X High Yield Magenta Original LaserJet Toner Cartridge (~2,500 pages) W2183X |
| Product dimensions <sup>5</sup>            | <b>W x d x h:</b> 16.46 x 16.5 x 13.44 in / 418 x 419.12 x 341.32 mm; <b>Maximum:</b> 16.85 x 18.58 x 17.91 in / 428 x 472 x 455 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product weight <sup>14</sup>               | ~37.7 lb / ~17.1 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Warranty features                          | One-Year limited warranty. For more information please visit <a href="https://www.support.hp.com">https://www.support.hp.com</a> <sup>13</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Ecolabels                                  | EPEAT® Silver registered; ENERGY STAR® certified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Energy star certified                      | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Blue Angel Compliance                      | No, please refer to the ECI (Ecolabel Comparison Information) document                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Sustainable impact specifications          | Contains post-consumer recycled plastic; ENERGY STAR® certified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Control panel                              | 4.3" Capacitive Touch Color Display                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Display description                        | 4.3" diagonal color TFT-backlit (480 x 272)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Software included                          | HP Printer Software downloadable from <a href="https://www.hp.com/download">https://www.hp.com/download</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Compatible operating systems <sup>12</sup> | Windows 11; Windows 10; Android; iOS; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Compatible network operating systems       | Windows 11; Windows 10; Windows Server; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Minimum system requirements                | <b>PC:</b> Microsoft® Windows® 11, 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection; <b>Mac:</b> Apple® macOS 12.0 Monterey; macOS 13.0 Ventura; macOS v14 Sonoma; 2GB HD; Internet required                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Power <sup>1</sup>                         | <b>Power supply type:</b> Internal (Built-in) power supply; <b>Power requirements:</b> 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); <b>Power consumption:</b> 416 watts (printing), 7.6 watts (ready), 0.95 watts (sleep), 0.05 watts (auto-off), 0.05 watts (manual-off); <b>Typical electricity consumption (TEC) number<sup>1</sup>:</b> 0.338 kWh/week (Energy Star)                                                                                |
| Acoustics <sup>6</sup>                     | <b>Acoustic power emissions:</b> 6.3 B(A)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Operating environment                      | <b>Operating temperature range:</b> 59 to 86°F / 15 to 30°C; <b>Recommended operating temperature:</b> 59 to 80.6°F / 15 to 27°C; <b>Storage temperature range:</b> -4 to 140°F / -20 to 60°C; <b>Operating humidity range:</b> 10 to 80% RH; <b>Recommended humidity operating range:</b> 30 to 70% RH                                                                                                                                                                                                                                                                                                                                |

Learn more at [hp.com](https://www.hp.com)

<sup>1</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 115V device. <sup>2</sup> 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. <sup>3</sup> 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>. <sup>4</sup> 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. <sup>5</sup> End to End Dimensions when printer is setup and on standby. <sup>6</sup> Configuration tested: base model, simplex printing, A4 paper at an average of 25 ppm. <sup>7</sup> 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. <sup>8</sup> 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. <sup>9</sup> 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. <sup>10</sup> 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. <sup>11</sup> Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software. <sup>12</sup> Windows Server 2016, Windows Server 2019, Windows Server 2022, Linux (For more information see <https://www.developers.hp.com/hp-linux-imaging-and-printing>). <sup>13</sup> Warranty and support options vary by product, country, and local legal requirements. <sup>14</sup> Product weight inclusive of starter supplies. <sup>15</sup> Recommended Auto Document Feeder Capacity when doing multiple two-sided copies is 25 sheets.

