



# HP Color LaserJet Pro MFP 3303fdw (499M8A)



## Overview

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]

### Professional color and speed

Experience high-speed, automatic, two-sided color printing up to 26 pages per minute (Letter) / 25 pages per minute (A4).[1]

### 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]

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

Performance you can count on page after page with award-winning reliability.[11]

### Compact and energy efficient design

Designed in a compact size with energy saving auto-on/auto-off technology to optimize printer energy use.[19]

## Features



Business team solution



Fast, automatic two-sided color printing with single pass two-sided scanning and copying, plus fax<sup>[1]</sup>



True-to-life colors<sup>[8]</sup>



Compact Design



Advanced productivity features<sup>[18]</sup><sup>[18]</sup>



HP Web Jetadmin<sup>[5]</sup><sup>[5]</sup>

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*[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.*

*[5] HP Web Jetadmin is available for download at no additional charge at <https://www.hp.com/go/webjetadmin>*

*[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>*

*[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>*

*[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.*

## Specifications

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| <b>Print quality black (best)</b>        | Up to 600 x 600 dpi   |
| <b>Print quality color (best)</b>        | Up to 600 x 600 dpi   |
| <b>Print speed black (ISO, A4)</b>       | Up to 25 ppm  |
| <b>Print speed black (ISO, letter)</b>   | Up to 26 ppm  |
| <b>Print Speed Color (ISO)</b>           | Up to 25 ppm  |
| <b>Print speed color (ISO)</b>           | Up to 26 ppm  |
| <b>Print speed</b>                       | Print speed up to 25 ppm (black) and 25 ppm (color)   |
| <b>Functions</b>                         | Print, copy, scan, fax  |
| <b>Duplex printing</b>                   | Automatic   |
| <b>Duty cycle (monthly, A4)</b>          | Up to 40,000 pages  |
| <b>Duty cycle (monthly, letter)</b>      | Up to 40,000 pages <sup>[10]</sup>  |
| <b>Scanner advanced features</b>         | HP Universal Scan   |
| <b>Fax smart software features</b>       | Mobile Fax with HP Cloud Account  |
| <b>Energy savings feature technology</b> | HP Auto-On/Auto-Off Technology  |
| <b>Replacement cartridges</b>            | HP 222A Black Original LaserJet Toner Cartridge (~1,300 pages) W2220A; HP 222A Cyan Original LaserJet Toner Cartridge (~1,200 pages) W2221A; HP 222A Yellow Original LaserJet Toner Cartridge (~1,200 pages) W2222A; HP 222A Magenta Original LaserJet Toner Cartridge (~1,200 pages) W2223A; HP 222X High Yield Black Original LaserJet Toner Cartridge (~3,200 pages) W2220X; HP 222X High Yield Cyan Original LaserJet Toner Cartridge (~2,500 pages) W2221X; HP 222X High Yield Yellow Original LaserJet Toner Cartridge (~2,500 pages) W2222X; HP 222X High Yield Magenta Original LaserJet Toner Cartridge (~2,500 pages) W2223X <sup>[3]</sup> |
| <b>Supplies feature</b>                  | HP TerraJet Cartridge   |
| <b>Connectivity, standard</b>            | 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  |
| <b>Modem</b>                             | 33.6 kbps   |
| <b>Network capabilities</b>              | Built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X   |
| <b>Wireless capability</b>               | Built-in dual-band Wi-Fi; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct   |
| <b>Mobile printing capability</b>        | HP Smart App; Apple AirPrint™; Mobile Apps; Mopria™ Certified; Wi-Fi® Direct Printing   |
| <b>Network protocols, supported</b>      | TCP/IPv4, TCP/IPv6, DHCP, DNS.  |
| <b>Software included</b>                 | HP Printer Software downloadable from <a href="https://www.hpsmart.com/download">https://www.hpsmart.com/download</a>   |

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| <b>Compatible Operating Systems</b>           | Windows 11; Windows 10; Android; iOS; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux <sup>[13]</sup><br><i>([13] Windows Server 2016, Windows Server 2019, Windows Server 2022, Linux (For more information see <a href="https://www.developers.hp.com/hp-linux-imaging-and-printing">https://www.developers.hp.com/hp-linux-imaging-and-printing</a> ))</i> |
| <b>Technical features</b>                     | Fax; Automatic document feeder; Automatic 2-sided printing; Cloud-based fleet management; Compact size; ENERGY STAR®; Network printing; HP Auto-on/Auto-off; Fast first page out; TerraJet Toner; Scan-to-cloud; Scan-to-email; Scan-to-folder; Touchscreen; Walk-up USB; WiFi Direct; Professional print quality  |
| <b>Sustainable impact specifications</b>      | Contains post-consumer recycled plastic  |
| <b>Energy star certified</b>                  | No   |
| <b>Blue Angel compliant</b>                   | No, please refer to the ECI (Ecolabel Comparison Information) document   |
| <b>Copy speed (black, normal quality, A4)</b> | Up to 25 cpm   |
| <b>Copy speed (color, normal quality, A4)</b> | Up to 25 cpm   |
| <b>Copy speed black (normal, letter)</b>      | Up to 26 cpm   |
| <b>Copy speed color (normal, letter)</b>      | Up to 26 cpm   |
| <b>Copy speed black duplex (A4)</b>           | Up to 15 cpm   |
| <b>Copy speed black duplex (Letter)</b>       | Up to 15.5 cpm   |
| <b>Digital sending standard features</b>      | Scan to Email, Scan to Network Folder, Scan to Sharepoint, Scan to USB, Scan to Computer   |
| <b>Fax Resolution Black (best)</b>            | Up to 300 x 300 dpi  |
| <b>Faxing</b>                                 | Yes  |
| <b>Scan speed (normal, A4)</b>                | Up to 19 ppm (b&w), Up to 8 ppm (color)  |
| <b>Scan speed (normal, letter)</b>            | Up to 20 ppm (b&w), Up to 9 ppm (color)  |
| <b>Scan file format</b>                       | JPG; PDF; PDF/A; TIFF  |
| <b>Scan input modes</b>                       | Front-panel scan; HP Universal Scan and user applications via Twain  |
| <b>Scan technology</b>                        | Contact Image Sensor (CIS)   |
| <b>Scanner type</b>                           | ADF; Flatbed; Single-pass 2-sided ADF  |
| <b>Display area (imperial)</b>                | 3.74 x 2.12 in   |
| <b>Display area (metric)</b>                  | 9.5 x 5.4 cm   |
| <b>Display</b>                                | 4.3" diagonal color TFT-backlit (480 x 272)  |
| <b>Minimum dimensions (W x D x H)</b>         | 418 x 419.12 x 341.32 mm<br><i>([15] End to End Dimensions when printer is set up and on standby)</i>  |
| <b>Minimum dimensions (W x D x H)</b>         | 16.46 x 16.5 x 13.44 in<br><i>([15] End to End Dimensions when printer is setup and on standby)</i>  |
| <b>Weight</b>                                 | ~17.1 kg <sup>[15]</sup><br><i>([15] Product weight inclusive of starter supplies)</i>   |

**Weight**

~37.7 lb

*([15] Product weight inclusive of starter supplies)*

**Power consumption**

416 watts (printing), 7.6 watts (ready), 0.95 watts (sleep), 0.05 watts (auto-off), 0.05 watts (manual-off)<sup>[1]</sup>

*([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.)*

**Power supply type**

Internal (Built-in) power supply

**What's in the box**

Power cord; Toner cartridge; User Guide; Flyers; CD (only for #BBU, #AAC); 1 USB cable<sup>[2]</sup>

**Manufacturer Warranty**

One-Year limited warranty. For more information please visit <https://www.support.hp.com> [14]

## Additional specifications

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| <b>ADF Capacity</b>   | 50  |
| <b>Acoustic power emissions (active scan)</b>                   | 5.3 B(A)  |
| <b>Acoustic power emissions (active, printing)</b>              | 6.3 B(A)  |
| <b>Acoustic power emissions (ready)</b>                         | 2.3 B(A)  |
| <b>Acoustic power note</b>                                      | [6] Configuration tested: base model, simplex printing, A4 paper at an average of 25 ppm  |
| <b>Acoustic pressure emissions bystander (active scan)</b>      | 41 dB(A)  |
| <b>Acoustic pressure emissions bystander (active, printing)</b> | 51 dB(A)  |
| <b>Acoustic pressure emissions bystander (ready)</b>            | 16 dB(A)  |
| <b>Auto document feeder capacity footnote</b>                   | [16] Recommended Auto Document Feeder Capacity when doing multiple two-sided copies is 25 sheets.   |
| <b>Auto fax reduction supported</b>                             | Yes   |
| <b>Automatic document feeder capacity</b>                       | Standard, 50 sheets <sup>[16]</sup>   |
| <b>Automatic paper sensor</b>                                   | NO  |
| <b>Bit depth</b>  | 24-bit  |
| <b>Bottom margin (A4)</b>                                       | 5 mm  |
| <b>Cable included</b>   | Yes, 1 USB; 1 USB PC to Printer   |
| <b>Cartons per layer</b>  | 6   |
| <b>Certifications and compliances</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, Paraguay, Chile, Indonesia, Singapore, Philippines, etc. |
| <b>Color or black</b>   | Color   |
| <b>Color scanning</b>   | Yes   |
| <b>Compatible Network Operating Systems</b>                     | Windows 11; Windows 10; Windows Server; macOS 12 Monterey; macOS 13 Ventura; MacOS v14 Sonoma; Linux  |
| <b>Configurable items</b>                                       | HP Color LaserJet Pro MFP 3301-3304,3388  |
| <b>Control panel</b>  | 4.3" Capacitive Touch Color Display   |
| <b>Copier scaling (ADF)</b>                                     | 25 to 400%  |
| <b>Copier settings</b>  | 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  |
| <b>Copies, maximum</b>  | Up to 999 copies  |

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| <b>Copy reduce / enlarge settings</b>            | 25 to 400%  |
| <b>Copy resolution (black text)</b>              | Up to 600 x 600 dpi   |
| <b>Copy resolution (color text and graphics)</b> | Up to 600 x 600 dpi   |
| <b>Copy speed color duplex (A4)</b>              | Up to 15 cpm  |
| <b>Copy speed color duplex (Letter)</b>          | Up to 15.5 cpm  |
| <b>Copy speed note</b>                           | [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 <a href="https://www.hp.com/go/printerclaims">https://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application and document complexity. |
| <b>Count of layers in pallet</b>                 | 4   |
| <b>Country of origin</b>                         | Made in Vietnam   |
| <b>Distinctive ring detection supported</b>      | Yes   |
| <b>Downloadable software</b>                     | HP Easy Start, HP Printer Software  |
| <b>Driver updates</b>                            | From Windows Update or HP Support Page  |
| <b>Duplex ADF scanning</b>                       | Yes   |
| <b>Duty cycle note</b>                           | [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.  |
| <b>Dynamic security</b>                          | Dynamic security enabled printer  |
| <b>Electromagnetic compatibility</b>             | 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.  |
| <b>Email addresses stored</b>                    | 200   |
| <b>Envelope Feeder</b>                           | NO  |
| <b>Fax Auto Redial</b>                           | Yes   |
| <b>Fax Broadcast Locations</b>                   | 0   |
| <b>Fax PC Interface Supported</b>                | Yes, Windows fax driver, HP PC Send Fax Driver 2.0  |
| <b>Fax Polling</b>                               | No  |
| <b>Fax Remote Retrieval</b>                      | No  |
| <b>Fax Speed Dials, Maximum Number</b>           | Up to 200 numbers   |
| <b>Fax Transmission Speed</b>                    | Up to 33.6 kbps   |
| <b>Fax delayed sending</b>                       | Yes   |
| <b>Fax forwarding</b>                            | Yes   |
| <b>Fax memory</b>                                | Up to 500 pages   |

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| <b>Fax memory</b>                           | Up to 500 pages   |
| <b>Fax phone TAM interface supported</b>    | No  |
| <b>Fax resolution black</b>                 | Up to 203 x 196 dpi   |
| <b>Fax telephone mode supported</b>         | Yes   |
| <b>Fax transmission speed (letter)</b>      | 3 sec per page  |
| <b>File Format Supported</b>                | JPEG; PDF; TIFF; PDF/A  |
| <b>Finished output handling</b>             | Sheet Feed  |
| <b>First copy out black (A4)</b>            | As fast as 9.7 sec  |
| <b>First copy out black (A4, sleep)</b>     | As fast as 9.8 sec  |
| <b>First copy out black (letter)</b>        | As fast as 9.6 sec  |
| <b>First copy out black (letter, sleep)</b> | As fast as 9.7 sec  |
| <b>First copy out color (A4)</b>            | As fast as 13.9 sec   |
| <b>First copy out color (A4, sleep)</b>     | As fast as 14.0 sec   |
| <b>First copy out color (letter)</b>        | As fast as 13.5 sec   |
| <b>First copy out color (letter, sleep)</b> | As fast as 13.6 sec   |
| <b>First page out black (A4, ready)</b>     | As fast as 10.9 sec   |
| <b>First page out black (A4, sleep)</b>     | As fast as 11.0 sec   |
| <b>First page out black (letter, ready)</b> | As fast as 10.8 sec   |
| <b>First page out black (letter, sleep)</b> | As fast as 10.9 sec   |
| <b>First page out color (A4, ready)</b>     | As fast as 11.0 sec   |
| <b>First page out color (A4, sleep)</b>     | As fast as 11.1 sec   |
| <b>First page out color (letter, ready)</b> | As fast as 10.9 sec   |
| <b>First page out color (letter, sleep)</b> | As fast as 11.0 sec   |
| <b>First page out footnote</b>              | [9] Measured using ISO/IEC 17629. For more information see <a href="https://www.hp.com/go/printerclaims">https://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity. |
| <b>Fonts and typefaces</b>                  | 111 Scalable TrueType Fonts   |
| <b>Input capacity</b>                       | Tray 2: Up to 250 sheets (Up to 25 mm stack)  |
| <b>Junk fax barrier</b>                     | Yes, requires Caller ID   |
| <b>Left margin (A4)</b>                     | 5 mm  |
| <b>Levels of grayscale</b>                  | 256   |
| <b>Mac compatible</b>                       | Yes   |
| <b>Maximum Input Capacity (envelopes)</b>   | Up to 10 envelopes  |
| <b>Maximum Memory</b>                       | 512 MB  |
| <b>Maximum dimensions (W x D x H)</b>       | 428 x 472 x 455 mm  |

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| <b>Maximum dimensions (W x D x H)</b>   | 16.85 x 18.58 x 17.91 in  |
| <b>Maximum input capacity (sheets)</b>  | Up to 251 sheets  |
| <b>Maximum metric depth</b>             | 413 mm  |
| <b>Maximum metric height</b>            | 339 mm  |
| <b>Maximum metric width</b>             | 418 mm  |
| <b>Maximum output capacity (sheets)</b> | Up to 100 sheets @ 75gsm (or up to 15 mm stack)   |
| <b>Maximum print area</b>               | 215.9 x 355.6 mm  |
| <b>Media size (ADF)</b>                 | A4; LTR; LGL  |
| <b>Media size, tray 1</b>               | Letter; Legal; Executive; Oficio 8.5 x 13; 4 x 6; 5 x 8; 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 #10; Envelope Monarch; Envelope B5; Envelope C5; Envelope DL; A5-R; Custom |
| <b>Media size, tray 2</b>               | Letter; Legal; Executive; Oficio 8.5 x 13; 4 x 6; 5 x 8; 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 #10; Envelope Monarch; Envelope B5; Envelope C5; Envelope DL; A5-R; Custom |
| <b>Media sizes supported</b>            | 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  |
| <b>Media sizes supported</b>            | Letter; Legal; Executive; Oficio 8.5 x 13; 4 x 6 in; 5 x 8 in; Envelope #10; Envelope Monarch   |
| <b>Media sizes supported, key</b>       | 10 x 15 cm; A4; Envelopes   |
| <b>Media sizes supported, key</b>       | 4 x 6 in; Letter; Legal; Envelopes  |
| <b>Media sizes, custom</b>              | 3 x 5 in to 8.5 x 14 in   |
| <b>Media sizes, custom</b>              | 76 x 127 mm to 216 x 356 mm   |
| <b>Media type and capacity, ADF</b>     | 50 sheet on 20 lb plain paper   |
| <b>Media type and capacity, tray 1</b>  | 1 sheet for all media type  |
| <b>Media type and capacity, tray 2</b>  | Sheets: Up to 250; Transparencies: Up to 10mm; Envelope: Up to 10   |
| <b>Media types</b>                      | Paper (bond, brochure, colored, glossy, heavy, letterhead, light, plain, preprinted, prepunched, recycled, rough), transparencies, labels, envelopes, cardstock   |
| <b>Media weight (tray 1)</b>            | 60 to 163 g/m <sup>2</sup> Paper; Up to 176 g/m <sup>2</sup> with postcards; Up to 200g/m <sup>2</sup> Glossy Papers  |
| <b>Media weight (tray 2)</b>            | 60 to 163 g/m <sup>2</sup> Paper; Up to 176 g/m <sup>2</sup> with postcards; Up to 200g/m <sup>2</sup> Glossy Papers  |
| <b>Media weight, supported</b>          | 16 to 43 lb Paper (Bond); Up to 47 lb (Bond) with postcards; Up to 52 lb (Bond) Glossy Papers   |
| <b>Media weight, supported</b>          | 60 to 163 g/m <sup>2</sup> Paper; Up to 176 g/m <sup>2</sup> with postcards; Up to 200g/m <sup>2</sup> Glossy Papers  |
| <b>Media weights, supported ADF</b>     | 16 to 24 lb   |
| <b>Media weights, supported ADF</b>     | 60 to 90 g/m <sup>2</sup>   |
| <b>Memory</b>                           | 512 MB  |

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| <b>Metric depth</b>                              | 413 mm   |
| <b>Metric height</b>                             | 339 mm   |
| <b>Metric width</b>                              | 418 mm   |
| <b>Minimum System Requirements</b>               | Microsoft® Windows® 11, 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection  |
| <b>Minimum System Requirements for Macintosh</b> | Apple® macOS 12.0 Monterey; macOS 13.0 Ventura; macOS v14 Sonoma; 2GB HD; Internet required  |
| <b>Model number</b>                              | 3301-3304, 3388  |
| <b>Native scan file format</b>                   | PDF; JPG   |
| <b>Number of print cartridges</b>                | 4 (1 each black, cyan, magenta, yellow)  |
| <b>Number of users</b>                           | 3-10 Users   |
| <b>Operating humidity range</b>                  | 10 to 80% RH   |
| <b>Operating temperature range</b>               | 59 to 86°F   |
| <b>Operating temperature range</b>               | 15 to 30°C   |
| <b>Output capacity</b>                           | Up to 100 sheets @ 75gsm (or up to 15 mm stack)  |
| <b>Package dimensions (W x D x H)</b>            | 19.57 x 15.67 x 20.94 in   |
| <b>Package dimensions (W x D x H)</b>            | 497 x 398 x 532 mm   |
| <b>Package weight</b>                            | 20.60 kg   |
| <b>Package weight</b>                            | 45.41 lb   |
| <b>Page yield (set-up/inbox cartridges)</b>      | 4 preinstalled HP LaserJet Toner cartridges (Black: 600 pages, Introductory-Cyan, Magenta, Yellow: 500 pages)  |
| <b>Pallet dimensions</b>                         | 47.24 x 39.37 x 83.82 in   |
| <b>Pallet dimensions (W x D x H)</b>             | 1200 x 1000 x 2129 mm  |
| <b>Pallet weight</b>                             | 495.4 kg   |
| <b>Pallet weight</b>                             | 1092.15 lb   |
| <b>Paper handling input, standard</b>            | 250 sheets Main Input Tray, 1 sheet Priority Feed Tray   |
| <b>Paper handling output, standard</b>           | 100 sheets Output Tray   |
| <b>Paper trays, maximum</b>                      | 2  |
| <b>Paper trays, standard</b>                     | 2  |
| <b>Plug and play</b>                             | HP Smart App; Auto Wireless Connect; Copies; ID Copy; Auto Fit Copy  |
| <b>Power</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>Print Technology</b>                          | Laser  |
| <b>Print colors</b>                              | Yes  |
| <b>Print languages</b>                           | HP PCL6, PostScript, HP PCL5, PDF, URF, PWG-Raster, PCLM, JPEG   |
| <b>Print quality black (normal)</b>              | 600 x 600 dpi  |

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| <b>Print resolution color (normal)</b>      | 600 x 600 dpi   |
| <b>Print speed black (Landscape, A5)</b>    | Up to 43 ppm  |
| <b>Print speed black (Portrait, A5)</b>     | Up to 5 ppm   |
| <b>Print speed color (Landscape, A5)</b>    | Up to 26 ppm  |
| <b>Print speed color (Portrait, A5)</b>     | Up to 5 ppm   |
| <b>Print speed duplex (A4)</b>              | Up to 15 ipm  |
| <b>Print speed duplex (A4)</b>              | Up to 15 ipm  |
| <b>Print speed duplex (letter)</b>          | Up to 15.5 ipm  |
| <b>Print speed duplex (letter)</b>          | Up to 15.5 ipm  |
| <b>Print speed footnote (A5)</b>            | [7] Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see <a href="https://www.hp.com/go/printerclaims">https://www.hp.com/go/printerclaims</a> . Exact speed varies depending on the system configuration, software application, driver, and document complexity.  |
| <b>Print technology</b>                     | Laser   |
| <b>Printer Management</b>                   | HP Web Jetadmin   |
| <b>Processor speed</b>                      | 1.2 GHz   |
| <b>Product long name specifications</b>     | HP Color LaserJet Pro MFP 3303fdw: 4.3" Color Touchscreen Graphics Display; Print/Copy/Scan/Fax; Prints up to 25 ppm black & color (letter); Automatic two-sided printing and single-pass two-sided scanning; 50-page Automatic Document Feeder; 250 sheet maximum input capacity; multipurpose tray, 100 sheet maximum output tray; Scan to email/folder/USB/cloud; Up to 40,000 page duty cycle; recommended for up to 2,500 pages per month; Built-in 10/100/1000Base-TX Ethernet, Gigabit; Auto-crossover Ethernet; Authentication via 802.1X; Built-in dual-band Wi-Fi with Self-Healing; Authentication via WEP, WPA/WPA2, WPA Enterprise; Encryption via AES or TKIP; WPS; Wi-Fi Direct. |
| <b>Product short name specifications</b>    | HP Color LaserJet Pro MFP 3303fdw, Color, Printer for Small medium business, Print, copy, scan, fax, Wireless; Print from phone or tablet; Automatic document feeder; Two-sided printing; Two-sided scanning; Scan to email; Scan to PDF; Fax; Touchscreen; Front USB flash drive port; TerraJet cartridge  |
| <b>Quantity per pallet</b>                  | 24  |
| <b>RMN number</b>                           | SHNGC-2201-01   |
| <b>Recommended monthly page volume</b>      | 150 to 2,500 <sup>[11]</sup>  |
| <b>Recommended monthly page volume note</b> | [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.   |
| <b>Recommended monthly scan volume</b>      | 150 to 1500   |
| <b>Recommended operating humidity range</b> | 30 to 70% RH  |

|   |   |
|---|---|
| <b>Recommended operating temperature range</b>      | 59 to 80.6°F  |
| <b>Recommended operating temperature range</b>      | 15 to 27°C  |
| <b>Replacement cartridges footnote</b>              | [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 <a href="https://www.hp.com/go/toneryield">https://www.hp.com/go/toneryield</a>  |
| <b>Resolution</b>                                   | Up to 600 dpi   |
| <b>Resolution (black and white, standard mode)</b>  | 203 x 98 dpi  |
| <b>Resolution (black and white, superfine mode)</b> | Up to 300 x 300 dpi   |
| <b>Resolution (black photo grayscale)</b>           | 203 x 196 dpi   |
| <b>Right margin (A4)</b>                            | 5 mm  |
| <b>Safety</b>                                       | IEC 60950-1:2005 +A1:2009 +A2:2013; IEC 62368-1:2014; EN 62368-1:2014 +A11:2017; IEC 62368-1:2018; EN IEC 62368-1:2020 +A11:2020; EN 60825-1:2014+A11:2021; IEC 60825-1:2014; EN 62479:2010; IEC 62479:2010; CSA C22.2 62368-1:19 3rd Ed; CSA C22.2 62368-1-14 2nd Ed; UL62368-1 2nd Ed; UL62368-1 3rd Ed; Complies with FDA performance standards for laser products except for conformance with IEC 60825-1 Ed.3., as described in Laser Notice No. 56, dated May 8, 2019; Other safety approvals as required by individual countries |
| <b>Scan resolution, hardware</b>                    | Up to 300 x 300 dpi (color and monochrome, ADF); Up to 1200 x 1200 dpi (color and monochrome, Flatbed)  |
| <b>Scan resolution, optical</b>                     | Up to 300 dpi (color and monochrome, ADF); Up to 1200 dpi (color and monochrome, Flatbed)   |
| <b>Scan size (ADF), maximum</b>                     | 8.5 x 14 in   |
| <b>Scan size (ADF), maximum</b>                     | 216 x 356 mm  |
| <b>Scan size (ADF), minimum</b>                     | 5.8 x 8.3 in  |
| <b>Scan size (ADF), minimum</b>                     | 148 x 210 mm  |
| <b>Scan size, maximum</b>                           | 216 x 297 mm  |
| <b>Scan size, maximum</b>                           | 8.5 x 11.7 in   |
| <b>Scan speed duplex (normal, A4)</b>               | Up to 34 ipm (b&w), up to 16 ipm (color)  |
| <b>Scan speed duplex (normal, letter)</b>           | Up to 35 ipm (b&w), up to 17 ipm (color)  |
| <b>Scan speed footnote</b>                          | [12] Scan speeds measured from ADF. Actual processing speeds may vary depending on scan resolution, network conditions, computer performance, and application software.   |
| <b>Security management</b>                          | Unique Admin Password; Enable/Disable USB; EWS Session Time Out; Control Panel Inactivity Timeout; Role Based Access Control; WebScan Disabled by default.  |
| <b>Segment (filter)</b>                             | Small medium business   |
| <b>Software scan file format</b>                    | PDF, JPG, PNG, BMP, TIF, PDF/A  |
| <b>Standard media sizes (duplex)</b>                | A4; A5; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); Oficio (216 x 340 mm); A5R; B5 (JIS)  |

|   |   |
|---|---|
| <b>Standard media sizes (duplex, imperial)</b>        | Letter; Legal; Executive; Oficio (8.5 x 13 in)  |
| <b>Standard output capacity (envelopes)</b>           | Up to 10 envelope   |
| <b>Standard output capacity (transparencies)</b>      | Up to 10 mm stack   |
| <b>Storage</b>  | 0.512GByte (4Gbits) NAND Flash  |
| <b>Storage device and direct print support</b>        | Walk-up USB printing  |
| <b>Storage temperature range</b>                      | -20 to 60°C   |
| <b>Storage temperature range</b>                      | -4 to 140°F   |
| <b>Target user and print volume</b>                   | Prints up to 2,500 pages/month; For teams up to 7 users   |
| <b>Tariff numbers</b>                                 | 8443310000  |
| <b>Telecom compliance (fax capability)</b>            | 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 |
| <b>Telephone handset supported</b>                    | No  |
| <b>Top key features</b>                               | Wireless; Print from phone or tablet; Automatic document feeder; Two-sided printing; Two-sided scanning; Scan to email; Scan to PDF; Fax; Touchscreen; Front USB flash drive port; TerraJet cartridge   |
| <b>Top margin (A4)</b>                                | 5 mm  |
| <b>Tray capacity</b>                                  | 250   |
| <b>Twain version</b>                                  | Version 2.1   |
| <b>Typical electricity consumption (TEC) footnote</b> | [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.   |
| <b>Typical electricity consumption (TEC) number</b>   | 0.338 kWh/week (Energy Star) <sup>[1]</sup>   |
| <b>UNSPSC code</b>                                    | 43212110  |
| <b>UPC number</b>                                     | (AB0) 196786387791; (ACJ) 196786387838; (ACQ) 196786387852; (AKV) 196786387876; (B13) 196786387890; (B19) 196786387906; (BBU) 196786387920; (BGJ) 196786387944  |
| <b>Warm-up time</b>                                   | As fast as 55 sec   |
| <b>What is in the box footnote</b>                    | [2] For yield information on the cartridge(s) included with your printer, see <a href="https://www.hp.com/go/toneryield">https://www.hp.com/go/toneryield</a> . Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.  |

*[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>*

*[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.*

*[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> )*

*[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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HP Laser Toner Cartridges and Kits

★ : Recommended

HP Color Laser Toner Printer Cartridges

|  |        |
|--|--------|
| HP 222A Black Original LaserJet Toner Cartridge              | W2220A |
| HP 222A Cyan Original LaserJet Toner Cartridge               | W2221A |
| HP 222A Magenta Original LaserJet Toner Cartridge            | W2223A |
| HP 222A Yellow Original LaserJet Toner Cartridge             | W2222A |
| HP 222X High Yield Black Original LaserJet Toner Cartridge   | W2220X |
| HP 222X High Yield Cyan Original LaserJet Toner Cartridge    | W2221X |
| HP 222X High Yield Magenta Original LaserJet Toner Cartridge | W2223X |
| HP 222X High Yield Yellow Original LaserJet Toner Cartridge  | W2222X |

HP Home & Office Papers

HP Home & Office Papers for laser and inkjet

|   |          |
|---|----------|
| HP MultiPurpose20TM, 20 lb, 11 x 17 in. (279 x 432 mm), 250 sheets  | HPM1720P |
| HP MultiPurpose20TM, 20 lb, 8.5 x 11 in. (216 x 279 mm), 500 sheets | HPM1120R |
| HP MultiPurpose20TM, 20 lb, 8.5 x 14 in. (216 x 356 mm), 500 sheets | HPM1420P |

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