

# HP Color LaserJet Pro MFP 3302fdw

Gamintojas: **HP** · Modelis: **499Q8F** · EAN: **196786388736** · Prekės kodas: **479702**



## 411,90 €

Kaina su PVM

Be PVM: **340,41 €**

**Sandėlyje**

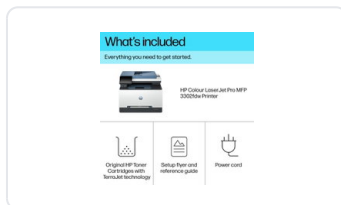
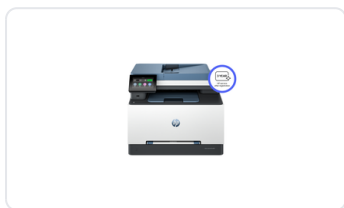


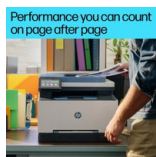
**Prekė internetu**

Nuskenaukite kodą arba apsilankykite [www.shopro.lt](http://www.shopro.lt)

## Pagrindinės savybės

- ✓ Verslui Lazeris Spalvotas spausdinimas
- ✓ 600 x 600 DPI
- ✓ Spausdinimo spalvos: Juoda, Žydras, Rausvai raudona, Geltona
- ✓ A4 25 ppm
- ✓ Spalvotas kopijavimas Spalvotas skenavimas Spalvoto fakso siuntimas
- ✓ Mopria Print Service, Apple AirPrint
- ✓ Tiesioginis spausdinimas
- ✓ USB prievadas „Wi-Fi“ Ethernet LAN jungtis
- ✓ Vidinė atmintis: 512 MB Integruotas procesorius 1200 MHz
- ✓ 17,1 kg





## Aprašymas

**Reliable, high-quality colour printing, scanning, and copying.** 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 Certain HP printers are intended to work only with cartridges that have a new or reused HP chip or electronic circuitry. These printers use dynamic security measures to block cartridges using a non-HP chip or electronic circuitry. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. Reused HP chips and electronic circuitry enable the use of reused, remanufactured, and refilled cartridges.

## Techninė specifikacija

### Printing

|                                                    |                 |
|----------------------------------------------------|-----------------|
| Print technology                                   | Laser           |
| Printing                                           | Colour printing |
| Duplex printing                                    | Yes             |
| Maximum resolution                                 | 600 x 600 DPI   |
| Print speed (black, normal quality, A4/US Letter)  | 25 ppm          |
| Duplex printing mode                               | Auto            |
| Print resolution colour                            | 600 x 600 DPI   |
| Print resolution black                             | 600 x 600 DPI   |
| Print speed (colour, normal quality, A4/US Letter) | 25 ppm          |
| Warm-up time                                       | 55 s            |
| Time to first page (black, normal)                 | 10.9 s          |
| Time to first page (colour, normal)                | 11 s            |

### Copying

|                                         |                |
|-----------------------------------------|----------------|
| Copying                                 | Colour copying |
| Duplex copying                          | Yes            |
| Maximum copy resolution                 | 600 x 600 DPI  |
| Copy speed (black, normal quality, A4)  | 25 cpm         |
| Copy speed (colour, normal quality, A4) | 25 cpm         |
| Time to first copy (black, normal)      | 9.7 s          |
| Time to first copy (colour, normal)     | 13.9 s         |
| Maximum number of copies                | 999 copies     |

|                                      |                                 |
|--------------------------------------|---------------------------------|
| Copier resize                        | 25 - 400%                       |
| Auto fit function                    | Yes                             |
| <b>Scanning</b>                      |                                 |
| Scanning                             | Colour scanning                 |
| Duplex scanning                      | Yes                             |
| Optical scanning resolution          | 1200 x 1200 DPI                 |
| Scanner type                         | Flatbed & ADF scanner           |
| Duplex scanning mode                 | Auto                            |
| Optical scanning resolution (black)  | 1200 x 1200 ppi                 |
| Optical scanning resolution (colour) | 1200 x 1200 ppi                 |
| Optical scanning resolution (ADF)    | 300 x 300 DPI                   |
| Maximum scan area                    | 216 x 297 mm                    |
| Scan technology                      | CIS                             |
| Scan to                              | E-mail, Network folder, PC, USB |
| Scan speed (colour)                  | 8 ppm                           |
| Scan speed (black)                   | 19 ppm                          |
| Image formats supported              | JPG, TIFF                       |
| Document formats supported           | PDF                             |
| Input colour depth                   | 24 bit                          |
| Greyscale levels                     | 256                             |
| Scan drivers                         | TWAIN                           |
| <b>Fax</b>                           |                                 |
| Faxing                               | Colour faxing                   |
| Fax resolution (black)               | 300 x 300 DPI                   |
| Fax transmission speed               | 3 sec/page                      |
| Modem speed                          | 33.6 Kbit/s                     |
| Fax memory                           | 500 pages                       |
| Auto-redialing                       | Yes                             |
| Speed dialling                       | Yes                             |
| Fax forwarding                       | Yes                             |
| Fax delayed sending                  | Yes                             |
| Auto reduction                       | Yes                             |
| <b>Features</b>                      |                                 |
| Maximum duty cycle                   | 40000 pages per month           |
| Duplex functions                     | Print, Copy, Scan               |

|                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Number of print cartridges                | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Printing colours                          | Black, Cyan, Magenta, Yellow                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Recommended duty cycle                    | 150 - 2500 pages per month                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Digital sender                            | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Page description languages                | PDF, JPEG, PCLm, PWG, URF, PCL 5, PCL 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Printer fonts                             | Scalable, TrueType                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| All-In-One-multitasking                   | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Country of origin                         | Vietnam                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Replacement cartridges                    | HP 219A Black Original LaserJet Toner Cartridge (~1,300 pages) W2190A; HP 219A Cyan Original LaserJet Toner Cartridge (~1,200 pages) W2191A; HP 219A Yellow Original LaserJet Toner Cartridge (~1,200 pages) W2192A; HP 219A Magenta Original LaserJet Toner Cartridge (~1,200 pages) W2193A; HP 219X High Yield Black Original LaserJet Toner Cartridge (~3,200 pages) W2190X; HP 219X High Yield Cyan Original LaserJet Toner Cartridge (~2,500 pages) W2191X; HP 219X High Yield Yellow Original LaserJet Toner Cartridge (~2,500 pages) W2192X; HP 219X High Yield Magenta Original LaserJet Toner Cartridge (~2,500 pages) W2193X |
| HP segment                                | Small medium business                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Input &amp; output capacity</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Total number of input trays               | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Total input capacity                      | 251 sheets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Total output capacity                     | 100 sheets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Auto document feeder (ADF)                | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Auto document feeder (ADF) input capacity | 50 sheets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Maximum number of input trays             | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Maximum input capacity                    | 251 sheets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Maximum output capacity                   | 100 sheets                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Paper handling</b>                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Maximum ISO A-series paper size           | A4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Paper tray media types                    | Plain paper, Glossy paper, Bond paper, Recycled paper, Envelopes, Card stock, Labels, Transparencies, Heavy paper, Lightweight paper, Rough paper, Letterhead                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| ISO A-series sizes (A0...A9)              | A4, A5, A6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Maximum print size                        | 216 x 355.6 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Non-ISO print media sizes                 | Oficio, 16K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| JIS B-series sizes (B0...B9)              | B5, B6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Envelopes sizes                           | B5, C5, DL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Photo paper sizes                         | 10x15 cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Custom media width                        | 76 - 216 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Custom media length                       | 127 - 356 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Paper tray media weight         | 60 - 176 g/m <sup>2</sup>            |
| <b>Ports &amp; interfaces</b>   |                                      |
| Direct printing                 | Yes                                  |
| USB port                        | Yes                                  |
| USB 2.0 ports quantity          | 2                                    |
| <b>Network</b>                  |                                      |
| Wi-Fi                           | Yes                                  |
| Ethernet LAN                    | Yes                                  |
| Cabling technology              | 10/100Base-T(X)                      |
| Ethernet LAN data rates         | 10,100,1000 Mbit/s                   |
| Wi-Fi standards                 | Wi-Fi 5 (802.11ac)                   |
| Wi-Fi Direct                    | Yes                                  |
| Mobile printing technologies    | Mopria Print Service, Apple AirPrint |
| <b>Performance</b>              |                                      |
| Internal memory                 | 512 MB                               |
| Maximum internal memory         | 512 MB                               |
| Built-in processor              | Yes                                  |
| Processor frequency             | 1200 MHz                             |
| Sound pressure level (printing) | 51 dB                                |
| Sound pressure level (scanning) | 41 dB                                |
| Sound power level (printing)    | 6.3 dB                               |
| <b>Design</b>                   |                                      |
| Product colour                  | White, Black, Blue                   |
| Market positioning              | Business                             |
| Built-in display                | Yes                                  |
| Display                         | TFT                                  |
| Display diagonal                | 10.9 cm (4.3")                       |
| Control type                    | Touch                                |
| Colour display                  | Yes                                  |
| <b>Power</b>                    |                                      |
| Power consumption (PowerSave)   | 0.05 W                               |
| Power consumption (printing)    | 416 W                                |
| Power consumption (ready)       | 7.6 W                                |
| Power consumption (sleep)       | 0.95 W                               |

|                                                    |                                                                                                                                                                                                                                                                    |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power consumption (off)                            | 0.05 W                                                                                                                                                                                                                                                             |
| Energy Star Typical Electricity Consumption (TEC)  | 0.338 kWh/week                                                                                                                                                                                                                                                     |
| AC input voltage                                   | 110 - 240 V                                                                                                                                                                                                                                                        |
| <b>Brand-specific features</b>                     |                                                                                                                                                                                                                                                                    |
| HP Auto-On/Auto-Off                                | Yes                                                                                                                                                                                                                                                                |
| HP Dynamic security                                | Yes                                                                                                                                                                                                                                                                |
| HP Security tools                                  | Unique Admin Password; Enable/Disable USB; EWS Session Time Out; Control Panel Inactivity Timeout; Role Based Access Control; WebScan Disabled by default.                                                                                                         |
| HP GTIN (EAN/UPC) with options                     | (ABT) 196786388712; (ABY) 196786388729; (B19) 196786388736; (BAZ) 196786388743                                                                                                                                                                                     |
| HP GTIN (EAN/UPC)                                  | 196786388712, 196786388729, 196786388736, 196786388743                                                                                                                                                                                                             |
| <b>System requirements</b>                         |                                                                                                                                                                                                                                                                    |
| Windows operating systems supported                | Windows 10, Windows 11                                                                                                                                                                                                                                             |
| Mac operating systems supported                    | Mac OS X 12.0 Monterey, Mac OS X 13.0 Ventura, Mac OS X 14.0 Sonoma, MacOS                                                                                                                                                                                         |
| Other operating systems supported                  | Android, iOS                                                                                                                                                                                                                                                       |
| <b>Operational conditions</b>                      |                                                                                                                                                                                                                                                                    |
| Operating relative humidity (H-H)                  | 10 - 80%                                                                                                                                                                                                                                                           |
| Storage temperature (T-T)                          | -20 - 60 °C                                                                                                                                                                                                                                                        |
| Operating temperature (T-T)                        | 15 - 30 °C                                                                                                                                                                                                                                                         |
| Recommended humidity operating range               | 30 - 70%                                                                                                                                                                                                                                                           |
| Recommended operating temperature range (T-T)      | 15 - 27 °C                                                                                                                                                                                                                                                         |
| <b>Certificates</b>                                |                                                                                                                                                                                                                                                                    |
| Certification                                      | 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>Sustainability</b>                              |                                                                                                                                                                                                                                                                    |
| Sustainability certificates                        | Blue Angel                                                                                                                                                                                                                                                         |
| Sustainable technologies and materials             | Contains post-consumer recycled plastic                                                                                                                                                                                                                            |
| Sustainability compliance                          | Yes                                                                                                                                                                                                                                                                |
| <b>Carbon footprint</b>                            |                                                                                                                                                                                                                                                                    |
| Total carbon footprint (kg of CO2e)                | 260                                                                                                                                                                                                                                                                |
| Carbon emissions, manufacturing (kg of CO2e)       | 177                                                                                                                                                                                                                                                                |
| Carbon emissions, logistics (kg of CO2e)           | 20                                                                                                                                                                                                                                                                 |
| Carbon emissions, end-of-life (kg of CO2e)         | 33                                                                                                                                                                                                                                                                 |
| Total carbon emissions, w/o use phase (kg of CO2e) | 28                                                                                                                                                                                                                                                                 |

**Weight & dimensions**

|        |          |
|--------|----------|
| Width  | 418 mm   |
| Depth  | 419.1 mm |
| Height | 341.3 mm |
| Weight | 17.1 kg  |

**Packaging data**

|                |         |
|----------------|---------|
| Package width  | 497 mm  |
| Package depth  | 398 mm  |
| Package height | 532 mm  |
| Package weight | 20.6 kg |

**Packaging content**

|                                     |                                                                                                |
|-------------------------------------|------------------------------------------------------------------------------------------------|
| Cartridge(s) included               | Yes                                                                                            |
| Included cartridge capacity (black) | 600 pages                                                                                      |
| Included cartridge capacity (CMY)   | 500 pages                                                                                      |
| Cables included                     | AC                                                                                             |
| Manual                              | Yes                                                                                            |
| User guide                          | Yes                                                                                            |
| Bundled software                    | HP Printer Software downloadable from <a href="http://www.hp.com/hp-app">www.hp.com/hp-app</a> |

**Logistics data**

|                             |            |
|-----------------------------|------------|
| Harmonized System (HS) code | 8443310000 |
| Pallet gross weight         | 495.4 kg   |
| Layers per pallet           | 4 pc(s)    |
| Products per pallet         | 24 pc(s)   |

**Technical details**

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Master (outer) cases per pallet layer        | 6 pc(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Compliance certificates                      | GS mark, CCC, EAC, BIS, Federal Communications Commission (FCC), CE, BSMI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| General Product Safety Regulation (GPSR) URL | <a href="https://support.hp.com/gb-en/product/details/hp-color-laserjet-pro-mfp-3301-3304,-3388-printer-series/model/2101440361?sku=499Q8F">https://support.hp.com/gb-en/product/details/hp-color-laserjet-pro-mfp-3301-3304,-3388-printer-series/model/2101440361?sku=499Q8F</a> ;<br><a href="https://kaas.hpcloud.hp.com/pdf-public/pdf_7579882_en-US-1.pdf">https://kaas.hpcloud.hp.com/pdf-public/pdf_7579882_en-US-1.pdf</a> ;<br><a href="https://kaas.hpcloud.hp.com/pdf-public/pdf_7579882_en-US-1.pdf">https://kaas.hpcloud.hp.com/pdf-public/pdf_7579882_en-US-1.pdf</a> |
| Box contents                                 | HP Color LaserJet Pro MFP 3302fdw; Power cord; Toner cartridge; User Guide; Flyers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

**Other features**

|                   |                                  |
|-------------------|----------------------------------|
| Number of users   | 10 user(s)                       |
| Power supply type | Internal (Built-in) power supply |

|                                               |                                                                                                                                                                                                                                                                    |
|-----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Recommended system requirements               | Microsoft Windows 11; 10; 32-bit or 64-bit; 2 GB available hard disk space; Internet connection. Apple macOS 12.0 Monterey; macOS 13.0 Ventura; macOS v14 Sonoma; 2GB HD; Internet required.                                                                       |
| Compatible operating systems                  | Windows 11; Windows 10; Android; iOS; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia; Linux                                                                                                                                                |
| Processor frequency                           | 1.2 GHz                                                                                                                                                                                                                                                            |
| Manufacturer warranty                         | One-year limited warranty. For more information please visit us at <a href="https://www.support.hp.com">https://www.support.hp.com</a> [14].                                                                                                                       |
| Electromagnetic compatibility                 | 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. |
| Custom media sizes                            | 76 x 127 mm to 216 x 356 mm                                                                                                                                                                                                                                        |
| Pallet dimensions (W x D x H)                 | 1200 x 1000 x 2129 mm                                                                                                                                                                                                                                              |
| Pallet dimensions (W x D x H) (imperial)      | 1199.9 x 1000 x 2129 mm (47.2 x 39.4 x 83.8")                                                                                                                                                                                                                      |
| Pallet weight (imperial)                      | 495.4 kg (1092.2 lbs)                                                                                                                                                                                                                                              |
| Acoustic power emissions (ready)              | 23 dB                                                                                                                                                                                                                                                              |
| Acoustic pressure emissions bystander (ready) | 16 dB                                                                                                                                                                                                                                                              |
| Typical electricity consumption (TEC) number  | 0.338 kWh/week (Energy Star)                                                                                                                                                                                                                                       |
| UNSPSC-code                                   | 43212110                                                                                                                                                                                                                                                           |
| <b>Matmenys ir svoris</b>                     |                                                                                                                                                                                                                                                                    |
| Matmenys (I x P x A)                          | 54,00cm x 42,00cm x 50,00cm                                                                                                                                                                                                                                        |
| Svoris                                        | 20,70kg                                                                                                                                                                                                                                                            |

## Dokumentai ir vaizdo įrašai

- > [CE ženklimas](#)
- > [Vaizdo įrašas](#) [objects.icecat.biz/objects/119546064\\_62218430.mp4](objects.icecat.biz/objects/119546064_62218430.mp4)

## Gamintojo ir saugos informacija

### GAMINTOJAS

#### HP Inc

Page Mill Road 1501, CA 94304 Palo Alto,  
California, US  
[hp.com](http://hp.com)

### ATSAKINGAS ASMUI ES

#### HP Printing and Computing Solutions S.L.U.

Calle Jose Echegaray 18, 28232 Las Rozas  
(Madrid), ES  
[hp.com](http://hp.com)

### PLATINTOJAS

#### MB KOMPIUTERIŲ GURU

V. Nagevičiaus g. 3, LT-08237 Vilnius  
[info@shopro.lt](mailto:info@shopro.lt)

### Saugos dokumentai

- > [CE ženklimas](#)
- > [Gamintojo saugos informacija](#)