



# HP Color LaserJet Pro MFP 3302fdw

Brand : HP

Product family: Color LaserJet Pro Product code: 499Q8F#B19

Product name : Color LaserJet Pro MFP 3302fdw

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HP Color LaserJet Pro MFP 3302fdw:

**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.<sup>[1]</sup>

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.



Printing		Performance	
Duplex printing mode	Auto	Sound pressure level (printing)	51 dB
Print resolution colour	600 x 600 DPI	Sound pressure level (scanning)	41 dB
Print resolution black	600 x 600 DPI	Sound power level (printing)	6.3 dB
Print technology *	Laser	Design	
Printing *	Colour printing	Product colour *	White, Black, Blue
Duplex printing *	✓	Market positioning *	Business
Maximum resolution *	600 x 600 DPI	Built-in display *	✓
Print speed (black, normal quality, A4/US Letter) *	25 ppm	Display	TFT
Print speed (colour, normal quality, A4/US Letter)	25 ppm	Display diagonal	10.9 cm (4.3")
Warm-up time	55 s	Control type	Touch
Time to first page (black, normal)	10.9 s	Colour display	✓
Time to first page (colour, normal)	11 s	Power	
Copying		Power consumption (PowerSave)	0.05 W
Duplex copying *	✓	Power consumption (printing)	416 W
Copying *	Colour copying	Power consumption (ready)	7.6 W
Maximum copy resolution *	600 x 600 DPI	Power consumption (sleep)	0.95 W
Copy speed (black, normal quality, A4)	25 cpm	Power consumption (off)	0.05 W
Copy speed (colour, normal quality, A4)	25 cpm	Energy Star Typical Electricity Consumption (TEC)	0.338 kWh/week
Time to first copy (black, normal)	9.7 s	AC input voltage	110 - 240 V
Time to first copy (colour, normal)	13.9 s	Brand-specific features	
Maximum number of copies	999 copies	HP Auto-On/Auto-Off	✓
Copier resize	25 - 400%	HP Dynamic security	✓
Auto fit function	✓	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.
Scanning			
Duplex scanning *	✓		

Scanning		Brand-specific features	
Duplex scanning mode	Auto		(ABT) 196786388712; (ABY) 196786388729; (B19) 196786388736; (BAZ) 196786388743
Scanning *	Colour scanning	HP GTIN (EAN/UPC) with options	
Optical scanning resolution *	1200 x 1200 DPI		
Optical scanning resolution (black)	1200 x 1200 ppi	HP GTIN (EAN/UPC)	196786388712, 196786388729, 196786388736, 196786388743
Optical scanning resolution (colour)	1200 x 1200 ppi		
Optical scanning resolution (ADF)	300 x 300 DPI		
Maximum scan area	216 x 297 mm		
Scanner type *	Flatbed & ADF scanner		
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		
Fax		System requirements	
Faxing *	Colour faxing	Windows operating systems supported	Windows 10, Windows 11
Fax resolution (black)	300 x 300 DPI	Mac operating systems supported	Mac OS X 12.0 Monterey, Mac OS X 13.0 Ventura, Mac OS X 14.0 Sonoma, MacOS
Fax transmission speed	3 sec/page	Other operating systems supported	Android, iOS
Modem speed	33.6 Kbit/s		
Fax memory	500 pages		
Auto-redialing	✓		
Speed dialling	✓		
Fax forwarding	✓		
Fax delayed sending	✓		
Auto reduction	✓		
Features		Operational conditions	
Recommended duty cycle	150 - 2500 pages per month	Operating relative humidity (H-H)	10 - 80%
Maximum duty cycle *	40000 pages per month	Recommended humidity operating range	30 - 70%
Duplex functions *	Print, Copy, Scan	Recommended operating temperature range (T-T)	15 - 27 °C
Digital sender	✓	Storage temperature (T-T)	-20 - 60 °C
Number of print cartridges *	4	Operating temperature (T-T)	15 - 30 °C
Printing colours *	Black, Cyan, Magenta, Yellow		
Page description languages	PDF, JPEG, PCLm, PWG, URF, PCL 5, PCL 6		
Printer fonts	Scalable, TrueType		
All-In-One-multitasking	✓		
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		
Input & output capacity		Certificates	
Total number of input trays *	2	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.
Total input capacity *	251 sheets		
		Sustainability	
		Sustainability compliance	✓
		Sustainability certificates	Blue Angel
		Sustainable technologies and materials	Contains post-consumer recycled plastic
		Carbon footprint	
		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	✓
		Included cartridge capacity (black)	600 pages
		Included cartridge capacity (CMY)	500 pages
		Cables included	AC
		Manual	✓

Input & output capacity		Packaging content	
Total output capacity *	100 sheets	User guide	✓
Auto document feeder (ADF)	✓	Bundled software	HP Printer Software downloadable from <a href="http://www.hp.com/hp-app">www.hp.com/hp-app</a>
Auto document feeder (ADF) input capacity	50 sheets	<b>Logistics data</b>	
Maximum number of input trays	2	Harmonized System (HS) code	8443310000
Maximum input capacity	251 sheets	Pallet gross weight	495.4 kg
Maximum output capacity	100 sheets	Layers per pallet	4 pc(s)
<b>Paper handling</b>		Products per pallet	24 pc(s)
Maximum ISO A-series paper size *	A4	<b>Technical details</b>	
Maximum print size	216 x 355.6 mm	Box contents	HP Color LaserJet Pro MFP 3302fdw; Power cord; Toner cartridge; User Guide; Flyers
Paper tray media types *	Plain paper, Glossy paper, Bond paper, Recycled paper, Envelopes, Card stock, Labels, Transparencies, Heavy paper, Lightweight paper, Rough paper, Letterhead	Master (outer) cases per pallet layer	6 pc(s)
		Compliance certificates	GS mark, CCC, EAC, BIS, Federal Communications Commission (FCC), CE, BSMI
ISO A-series sizes (A0...A9) *	A4, A5, A6	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=49908F">https://support.hp.com/gb-en/product/details/hp-color-laserjet-pro-mfp-3301-3304-3388-printer-series/model/2101440361?sku=49908F</a> ; <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> ; <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>
Non-ISO print media sizes	Oficio, 16K	<b>Other features</b>	
JIS B-series sizes (B0...B9)	B5, B6	Number of users	10 user(s)
Envelopes sizes	B5, C5, DL	Custom media sizes	76 x 127 mm to 216 x 356 mm
Photo paper sizes	10x15 cm	Pallet dimensions (W x D x H)	1200 x 1000 x 2129 mm
Custom media width	76 - 216 mm	Power supply type	Internal (Built-in) power supply
Custom media length	127 - 356 mm	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.
Paper tray media weight	60 - 176 g/m <sup>2</sup>	Compatible operating systems	Windows 11; Windows 10; Android; iOS; macOS 12 Monterey; macOS 13 Ventura; macOS 14 Sonoma; macOS 15 Sequoia; Linux
<b>Ports &amp; interfaces</b>		Pallet dimensions (W x D x H) (imperial)	1199.9 x 1000 x 2129 mm (47.2 x 39.4 x 83.8")
Direct printing *	✓	Pallet weight (imperial)	495.4 kg (1092.2 lbs)
USB port	✓	Acoustic power emissions (ready)	23 dB
USB 2.0 ports quantity	2	Acoustic pressure emissions bystander (ready)	16 dB
<b>Network</b>		Typical electricity consumption (TEC) number	0.338 kWh/week (Energy Star)
Wi-Fi *	✓	UNSPSC-code	43212110
Ethernet LAN *	✓	Processor frequency	1.2 GHz
Cabling technology	10/100Base-T(X)	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].
Ethernet LAN data rates	10,100,1000 Mbit/s	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.
Wi-Fi standards	Wi-Fi 5 (802.11ac)		
Wi-Fi Direct	✓		
Mobile printing technologies	Mopria Print Service, Apple AirPrint		
<b>Performance</b>			
Maximum internal memory	512 MB		
Internal memory *	512 MB		
Built-in processor	✓		
Processor frequency	1200 MHz		



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