



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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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.^[1]

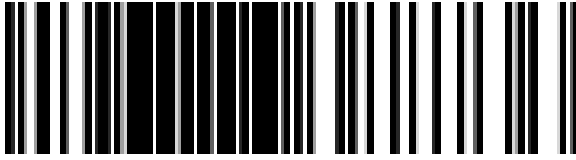
Dynamic security enabled printer Certain HP printers are intended to work only with cartridges that have a new or reused HP chip or electronic circuitry. These printers use dynamic security measures to block cartridges using a non-HP chip or electronic circuitry. Periodic firmware updates will maintain 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		Network	
Duplex printing mode	Auto	Ethernet LAN *	✓
Print resolution colour	600 x 600 DPI	Cabling technology	10/100Base-T(X)
Print resolution black	600 x 600 DPI	Ethernet LAN data rates	10,100 Mbit/s
Print technology *	Laser	Wi-Fi standards	Wi-Fi 5 (802.11ac)
Printing *	Colour printing	Wi-Fi Direct	✓
Duplex printing *	✓	Mobile printing technologies	Apple AirPrint, Mopria Print Service
Maximum resolution *	600 x 600 DPI	Performance	
Print speed (black, normal quality, A4/US Letter) *	25 ppm	Maximum internal memory	512 MB
Print speed (colour, normal quality, A4/US Letter)	25 ppm	Internal memory *	512 MB
Warm-up time	55 s	Built-in processor	✓
Time to first page (black, normal)	10.9 s	Processor frequency	1200 MHz
Copying		Sound pressure level (printing)	51 dB
Duplex copying *	✓	Sound pressure level (scanning)	41 dB
Copying *	Colour copying	Sound power level (printing)	6.3 dB
Maximum copy resolution *	600 x 600 DPI	Design	
Copy speed (black, normal quality, A4)	25 cpm	Product colour *	White, Black, Blue
Copy speed (colour, normal quality, A4)	25 cpm	Market positioning *	Business
Time to first copy (black, normal)	9.7 s	Built-in display *	✓
Time to first copy (colour, normal)	13.9 s	Display	TFT
Maximum number of copies	999 copies	Display diagonal	10.9 cm (4.3")
Copier resize	25 - 400%	Control type	Touch
Auto fit function	✓	Colour display	✓
Scanning		Power	
Duplex scanning *	✓	Power consumption (printing)	416 W
Duplex scanning mode	Auto	Power consumption (ready)	7.6 W
Scanning *	Colour scanning	Power consumption (sleep)	0.95 W
		Power consumption (off)	0.05 W

Scanning		Brand-specific features	
Optical scanning resolution *	1200 x 1200 DPI	HP Auto-On/Auto-Off	✓
Optical scanning resolution (black)	1200 x 1200 ppi	HP GTIN (EAN/UPC) with options	(ABT) 196786388712; (ABY) 196786388729; (B19) 196786388736; (BAZ) 196786388743
Optical scanning resolution (colour)	1200 x 1200 ppi		
Optical scanning resolution (ADF)	300 x 300 DPI		
Maximum scan area	216 x 297 mm	HP GTIN (EAN/UPC)	196786388712, 196786388729, 196786388736, 196786388743
Scanner type *	Flatbed & ADF scanner		
Scan technology	CIS	System requirements	
Scan to	E-mail, Network folder, PC, USB	Windows operating systems supported	Windows 11, Windows 10
Scan speed (colour)	8 ppm	Mac operating systems supported	Mac OS X 13.0 Ventura, Mac OS X 12.0 Monterey
Scan speed (black)	19 ppm	Other operating systems supported	Linux, iOS, Android
Image formats supported	JPG, TIFF	Operational conditions	
Document formats supported	PDF	Operating relative humidity (H-H)	10 - 80%
Input colour depth	24 bit	Recommended humidity operating range	30 - 70%
Greyscale levels	256	Operating temperature (T-T)	15 - 30 °C
Scan drivers	TWAIN	Certificates	
Fax		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.
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	✓		
Speed dialling	✓		
Fax forwarding	✓		
Fax delayed sending	✓		
Auto reduction	✓	Sustainability	
Features		Sustainability compliance	✓
Recommended duty cycle	150 - 2500 pages per month	Sustainability certificates	Blue Angel, Post-Consumer Recycled Plastic
Maximum duty cycle *	40000 pages per month	Carbon footprint	
Duplex functions *	Print, Copy, Scan	Total carbon footprint (kg of CO2e)	260
Digital sender	✓	Carbon emissions, manufacturing (kg of CO2e)	177
Number of print cartridges *	4	Carbon emissions, logistics (kg of CO2e)	20
Printing colours *	Black, Cyan, Magenta, Yellow	Carbon emissions, end-of-life (kg of CO2e)	33
Page description languages	JPEG, PCL 5, PCL 6, PDF, PWG, PostScript, URF	Total carbon emissions, w/o use phase (kg of CO2e)	28
Printer fonts	Scalable, TrueType	Weight & dimensions	
All-In-One-multitasking	✓	Width	418 mm
Country of origin	Vietnam	Depth	419.1 mm
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;	Height	341.3 mm
	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	Weight	17.1 kg
HP segment	Small medium business	Packaging data	
Input & output capacity	Total number of input trays * Total input capacity * Total output capacity * Auto document feeder (ADF)	Package width	497 mm
		Package depth	398 mm
		Package height	532 mm
		Package weight	20.6 kg
Packaging content		Cartridge(s) included	✓
Logistics data	Total input capacity * Total output capacity * Auto document feeder (ADF)	Included cartridge capacity (black)	600 pages
		Included cartridge capacity (CMY)	500 pages
		Cables included	AC
		Manual	✓
Logistics data	Total input capacity * Total output capacity * Auto document feeder (ADF)	Harmonized System (HS) code	8443310000

Input & output capacity		Logistics data		
Auto document feeder (ADF) input capacity	50 sheets	Pallet gross weight	495.4 g	
Maximum number of input trays	2	Layers per pallet	4 pc(s)	
Maximum input capacity	251 sheets	Products per pallet	24 pc(s)	
Maximum output capacity	100 sheets	Technical details <small>Master (outer) cases per pallet layer 6 pc(s) General Product Safety Regulation : https://support.hp.com/gb-en/product/details/hp-color-laserjet-pro-mfp-3301-3304-3388-printer-series/model/2101440361?sku=49908F (GPSR) URL : 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</small>		
Paper handling		Other features		
Maximum ISO A-series paper size *	A4	Number of users	10 user(s)	
Maximum print size	216 x 355.6 mm	Pallet dimensions (W x D x H)	1200 x 1000 x 2129 mm	
Paper tray media types *	Bond paper, Card stock, Envelopes, Glossy paper, Heavy paper, Labels, Letterhead, Plain paper, Recycled paper, Rough paper, Thick paper, Transparencies	Recommended system requirements	Microsoft® Windows® 11, 10: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection	
ISO A-series sizes (A0...A9) *	A4, A5, A6	Pallet dimensions (W x D x H) (imperial)	1199.9 x 1000 x 2129 mm (47.2 x 39.4 x 83.8")	
JIS B-series sizes (B0...B9)	B5, B6	Pallet weight (imperial)	495.4 kg (1092.2 lbs)	
Envelopes sizes	B5, B6, DL	Acoustic power emissions (ready)	23 dB	
Ports & interfaces		Acoustic pressure emissions bystander (ready)	16 dB	
Direct printing *	✓	Manufacturer warranty	One-year limited warranty. For more information please visit us at https://www.support.hp.com [14].	
USB port	✓			
Network				
Wi-Fi *	✓			



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