



HP Color LaserJet Enterprise Flow MFP 5800zf Printer

Brand : HP

Product family: Color LaserJet Enterprise Flow **Product code:** 58R10A#B19

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The most customisable HP A4 LaserJet, with advanced workflow solutions optimised for distributed office collaboration. Transform your workflows with advanced capabilities in a compact footprint. From print speeds to colour panels^[1], get flexible configurations to meet your needs today and tomorrow. All while protecting your business against evolving cyber threats.

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.

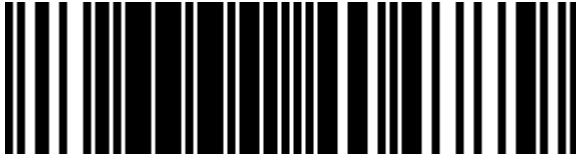


Printing		Network	
Duplex printing mode	Auto	Mobile printing technologies	Mopria Print Service, Apple AirPrint
Print resolution colour	1200 x 1200 DPI	Performance	
Print resolution black	1200 x 1200 DPI	Maximum internal memory	6144 MB
Print technology *	Laser	Internal storage capacity	500 GB
Printing *	Colour printing	Internal memory *	6144 MB
Duplex printing *	✓	Built-in processor	✓
Maximum resolution *	1200 x 1200 DPI	Processor frequency	1200 MHz
Print speed (black, normal quality, A4/US Letter) *	43 ppm	Sound pressure level (printing)	52 dB
Print speed (colour, normal quality, A4/US Letter)	43 ppm	Sound pressure level (duplex printing)	52 dB
Time to first page (black, normal)	6.8 s	Sound pressure level (scanning)	57 dB
Time to first page (colour, normal)	7.4 s	Sound pressure level (standby)	22 dB
Watermark printing	✓	Sound power level (printing)	6.3 dB
Secure printing	✓	Design	
Booklet printing function	✓	Product colour *	White
Copying		Market positioning *	Business
Duplex copying *	✓	Built-in display *	✓
Duplex copying mode	Auto	Display	CGD
Copying *	Colour copying	Display diagonal	25.6 cm (10.1")
Maximum copy resolution *	600 x 600 DPI	Control type	Touch
Maximum copy size	A4	Colour display	✓
Copy speed (black, normal quality, A4)	43 cpm	Power	
Copy speed (colour, normal quality, A4)	43 cpm	Power consumption (printing)	655 W
Time to first copy (black, normal)	6.1 s	Power consumption (copying)	655 W
		Power consumption (ready)	50.1 W
		Power consumption (sleep)	0.9 W

Copying		Power	
Time to first copy (colour, normal)	8.6 s	Power consumption (off)	0.09 W
Maximum number of copies	9999 copies	Energy Star Typical Electricity Consumption (TEC)	0.552 kWh/week
Copier resize	25 - 400%	AC input voltage	100 - 240 V
N-in-1 copy function	✓	AC input frequency	50/60 Hz
Book copy function	✓	Brand-specific features	
ID-card copy function	✓		
Auto fit function	✓		
Edge erase function	✓		
Stamp function	✓	HP Auto-On/Auto-Off	✓
Watermark copying	✓	HP Dynamic security	✓
Scanning		Identity management: Kerberos authentication; LDAP authentication; 1000 user PIN codes; optional HP and 3rd party advanced authentication solutions (e.g.; badge readers); Network: IPsec/firewall with Certificate; Pre-Shared Key; and Kerberos authentication; Supports WJA-10 IPsec configuration Plug-in; 802.1X authentication (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS; Certificates; Access Control List; Data: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated cryptographic libraries from Microsoft); Secure Erase; SSL/TLS (HTTPS); Encrypted Credentials; Device: Security lock slot; USB port disablement; hardware integration pocket for security solutions; Hardware-based Memory Shield™ with Control Flow Integrity (CFI) in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good code (DLLs, EXEs, ...); Security management: Compatible with Device Security Syslog Messages processed and accessible in Arcsight and Splunk SIEMs (201) 196337404649; (AAZ) 196337404656; (AB0) 196786225222; (AB2) 196786225239; (ABJ) 196786225246; (ABT) 196337404663; (ABY) 196337404670; (AC4) 196337404694; (AC8) 196337404717; (ACJ) 196786225253; (ACQ) 196337404731; (AKV) 196337713390; (B13) 196337404755; (B19) 196337404779; (BAZ) 196337404786; (BBU) 196786225260; (BGJ) 196337404793; (BGM) 196786225277 196337404649, 196337404656, 196786225222, 196786225239, 196786225246, 196337404663, 196337404670, 196337404694, 196337404717, 196786225253, 196337404731, 196337713390, 196337404755, 196337404779, 196337404786, 196786225260, 196337404793, 196786225277	
Duplex scanning *	✓		
Duplex scanning mode	Auto		
Scanning *	Colour scanning		
Optical scanning resolution *	600 x 600 DPI		
Maximum scan resolution	600 x 600 DPI		
Maximum scan area	216 x 356 mm		
Scanner type *	Flatbed scanner		
Scan technology	CIS		
Scan to	E-mail, Network folder, USB		
Scan speed (colour)	56 ppm		
Scan speed (black)	56 ppm		
Image formats supported	JPEG, MTIFF, TIFF		
Document formats supported	CSV, DOCX, HTML, PDF, RTF, UNICODE, XLSX, XML, XPS		
Input colour depth	24 bit		
Greyscale levels	256		
Scan drivers	TWAIN		
Fax		HP Security tools	
Faxing *	Colour faxing		
Fax resolution (black)	300 x 300 DPI		
Fax transmission speed	3 sec/page		
Modem speed	33.6 Kbit/s		
Fax memory	1000 pages		
Auto-redialing	✓		
Speed dialling	✓		
Fax forwarding	✓		
Fax delayed sending	✗		
Auto reduction	✓		
Features			
Recommended duty cycle	2000 - 10000 pages per month		
Maximum duty cycle *	80000 pages per month		
Duplex functions *	Print		
Digital sender	✓		
Number of print cartridges *	4		
Printing colours *	Black, Cyan, Magenta, Yellow		
Page description languages	PostScript 3, PDF 1.7, PCL 5c, XPS		
Printer fonts	Scalable, TrueType, Windows, PCL, PostScript		
All-In-One-multitasking	✓		
Country of origin	Czech Republic		
		System requirements	
		Windows operating systems supported	Windows 10, Windows 11
		Mac operating systems supported	Mac OS X 10.15 Catalina, Mac OS X 10.15.3 Catalina, Mac OS X 11.0 Big Sur, Mac OS X 12.0 Monterey, MacOS

Features		System requirements	
Replacement cartridges	HP 213A Black Original LaserJet Toner Cartridge (~3,500 pages) W2130A; HP 213A Cyan Original LaserJet Toner Cartridge (~3,000 pages) W2131A; HP 213A Yellow Original LaserJet Toner Cartridge (~3,000 pages) W2132A; HP 213A Magenta Original LaserJet Toner Cartridge (~3,000 pages) W2133A; HP 213X High Yield Black Original LaserJet Toner Cartridge (~9,000 pages) W2130X; HP 213X High Yield Cyan Original LaserJet Toner Cartridge (~6,000 pages) W2131X; HP 213X High Yield Yellow Original LaserJet Toner Cartridge (~6,000 pages) W2132X; HP 213X High Yield Magenta Original LaserJet Toner Cartridge (~6,000 pages) W2133X; HP 213Y Extra High Yield Black Original LaserJet Toner Cartridge, (~18,000 pages) W2130Y; HP 213Y Extra High Yield Cyan Original LaserJet Toner Cartridge (~12,000 pages) W2131Y; HP 213Y Extra High Yield Yellow Original LaserJet Toner Cartridge (~12,000 pages) W2132Y; HP 213Y Extra High Yield Magenta Original LaserJet Toner Cartridge (~12,000 pages) W2133Y	Linux operating systems supported	✔
		Other operating systems supported	ChromeOS, Android, iOS
		Operational conditions	
		Operating relative humidity (H-H)	10 - 80%
		Recommended humidity operating range	30 - 70%
HP segment	Business	Recommended operating temperature range (T-T)	15 - 27 °C
		Storage temperature (T-T)	-20 - 40 °C
		Operating temperature (T-T)	10 - 32.5 °C
		Certificates	
		Certification	CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class A / EN 55032:2015 Class A + A11:2020, CISPR 35:2016 (International) / EN 55035:2017 + A11:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019 + A2:2021, FCC 47 CFR Part 15 Class A, ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries.
Sustainability			
Input & output capacity		Sustainability compliance	✔
		Sustainability certificates	Blue Angel, ENERGY STAR, EPEAT Gold
		Sustainable technologies and materials	15% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered
		Carbon footprint	
		Total carbon footprint (kg of CO2e)	410
		Carbon emissions, manufacturing (kg of CO2e)	327
		Carbon emissions, logistics (kg of CO2e)	13
		Carbon emissions, end-of-life (kg of CO2e)	46
		Total carbon emissions, w/o use phase (kg of CO2e)	19
		Weight & dimensions	
		Width	547 mm
		Depth	460 mm
		Height	583 mm
		Weight	39.1 kg
		Packaging data	
		Package width	598 mm
		Package depth	758 mm
		Package height	652 mm
		Package weight	44 kg
		Packaging content	
		Cartridge(s) included	✔
		Included cartridge capacity (black)	7000 pages
		Included cartridge capacity (CMY)	3000 pages
		Cables included	AC
		Logistics data	
		Pallet gross weight	278.9 kg
		Layers per pallet	3 pc(s)
		Products per pallet	6 pc(s)
		Technical details	
		Box contents HP Color LaserJet Enterprise Flow MFP 580Zdf Printer; HP Black Original LaserJet Toner Cartridge (~7,000 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~3,000 yield each) (toner cartridges installed); Documentation (Hardware Install Guide); Power cord Master (outer) cases per pallet layer 2 pc(s) Compliance certificates CEP, GS mark, CCC, BIS, cUL, UL, CE, BSMI General Product Safety Regulation (GPSR) URL https://support.hp.com/gb-en/product/setup-user-guides/hp-color-laserjet-enterprise-flow-mfp-580Zdf-printer-series/model/2101542943?sku=58R10A&serialnumber=58R10A	
Direct printing *	✔		
USB port	✔		

Ports & interfaces		Other features	
USB 2.0 ports quantity	1	Number of users	15 user(s)
USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	2	Custom media sizes	Tray 1: 64 x 127 to 216 x 1200 mm; Tray 2, optional 1x550-sheet feeders: 101 x 148 to 216 x 356 mm
Network		Pallet dimensions (W x D x H)	800 x 1200 x 2083 mm
Wi-Fi *	✗	Power supply type	Built in 110V or 220 V Power Supply (not dual voltage, power supply varies by part number with option code identifier)
Ethernet LAN *	✓	Recommended system requirements	2 GB available hard disk space; Internet connection; or USB port; Internet browser. 2 GB available hard drive space; Internet connection; or USB port; Internet browser.
Cabling technology	10/100/1000Base-T(X)	Compatible operating systems	Windows 11; Windows 10; Windows Client OS; Android; iOS; Mobile OS; macOS 12 Monterey; macOS 11 Big Sur; macOS 10.15 Catalina; SAP; Chrome OS; Linux
Ethernet LAN data rates	10,100,1000 Mbit/s	Pallet dimensions (W x D x H) (imperial)	800.1 x 1199.9 x 2083.1 mm (31.5 x 47.2 x 82")
Security algorithms	SNMPv3, SSL/TLS, EAP-PEAP, EAP-TLS, FIPS 140, HTTPS, IPSec	Pallet weight (imperial)	278.4 kg (613.7 lbs)
		Acoustic power emissions (ready)	35 dB
		Acoustic pressure emissions bystander (ready)	22 dB
		Typical electricity consumption (TEC) number	0.552 kWh/week (Energy Star 3.0); 0.551 kWh/week (Blue Angel)
		UNSPSC-code	43212110
		Processor frequency	1.2 GHz
		Manufacturer warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements.
		Electromagnetic compatibility	CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class A / EN 55032:2015 Class A + A11:2020, CISPR 35:2016 (International) / EN 55035:2017 + A11:2020, EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019 + A2:2021, FCC 47 CFR Part 15 Class A, ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries.



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