



HP Color LaserJet Enterprise MFP 6800dn Printer

Brand : HP

Product family: Color LaserJet Enterprise Product code: 6QN35A#B19

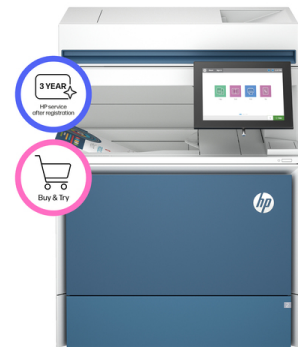
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The most advanced and customisable HP A4 LaserJet, an advanced copier with workflow solutions to modernise workforce collaboration. Transform your workflows with advanced capabilities in a compact footprint. Customisable configurations from print speeds to colour panels^[11] help to meet the needs of busy workgroups. All while protecting your business against evolving security 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.

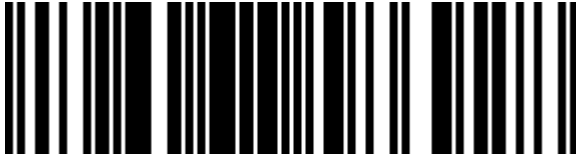


Printing		Network	
Duplex printing mode	Auto	Security algorithms	SNMPv3, SSL/TLS, EAP-PEAP, EAP-TLS, FIPS 140, HTTPS, IPsec
Print resolution colour	1200 x 1200 DPI	Mobile printing technologies	Mopria Print Service, Apple AirPrint
Print resolution black	1200 x 1200 DPI	Performance	
Print technology *	Laser	Maximum internal memory	6144 MB
Printing *	Colour printing	Internal storage capacity	500 GB
Duplex printing *	✓	Storage media	HDD
Maximum resolution *	1200 x 1200 DPI	Card reader integrated	✗
Print speed (black, normal quality, A4/US Letter) *	52 ppm	Internal memory *	6144 MB
Print speed (colour, normal quality, A4/US Letter)	52 ppm	Built-in processor	✓
Time to first page (black, normal)	6.2 s	Processor frequency	1600 MHz
Time to first page (colour, normal)	6.8 s	Sound pressure level (printing)	55 dB
Watermark printing	✓	Sound pressure level (scanning)	55 dB
Secure printing	✓	Sound power level (printing)	6.6 dB
Booklet printing function	✓	Design	
Copying		Product colour *	White
Duplex copying *	✓	Market positioning *	Business
Duplex copying mode	Auto	Built-in display *	✓
Copying *	Colour copying	Display	CGD
Maximum copy resolution *	600 x 600 DPI	Display diagonal	20.3 cm (8")
Maximum copy size	A4	Control type	Touch
Time to first copy (black, normal)	6.4 s	Colour display	✓
Time to first copy (colour, normal)	7.1 s		

Copying		Power	
Maximum number of copies	9999 copies	Power consumption (PowerSave)	0.1 W
Copier resize	25 - 400%	Power consumption (printing)	717 W
N-in-1 copy function	✓	Power consumption (copying)	717 W
Book copy function	✓	Power consumption (ready)	63.4 W
ID-card copy function	✓	Power consumption (sleep)	1.1 W
Auto fit function	✓	Power consumption (off)	0.1 W
Edge erase function	✓	Energy Star Typical Electricity Consumption (TEC)	0.709 kWh/week
Stamp function	✓	AC input voltage	100 - 240 V
Watermark copying	✓	AC input frequency	50/60 Hz
Scanning		Brand-specific features	
Duplex scanning *	✓	HP Auto-On/Auto-Off	✓
Duplex scanning mode	Auto	HP Dynamic security	✓
Scanning *	Colour 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 (ABT) 196068586843; (ABY) 196068586850; (ACQ) 196068586898; (B13) 196068586911; (B19) 196068586928; (BAZ) 196068586942 196068586843, 196068586850, 196068586898, 196068586911, 196068586928, 196068586942	
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/CCD		
Scan to	Network folder, USB		
Scan speed (colour)	76 ppm		
Scan speed (black)	76 ppm		
Duplex scan speed (colour)	152 ppm		
Duplex scan speed (black)	152 ppm		
Image formats supported	JPEG, MTIFF, TIFF	HP Security tools	
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 GTIN (EAN/UPC) with options	
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		HP GTIN (EAN/UPC)	
Recommended duty cycle	2000 - 14000 pages per month		
Maximum duty cycle *	100000 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, URF, PCL 5c		
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
		Linux operating systems supported	✓
		Mobile operating systems supported	Android
		Other operating systems supported	ChromeOS, Android, iOS
		Operational conditions	
		Operating relative humidity (H-H)	10 - 80%
		Recommended humidity operating range	30 - 70%

Features		Operational conditions	
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; HP 217Z Ultra Yield Black Original LaserJet Toner Cartridge (~32,000 pages) W2170Z; HP 217Z Ultra Yield Cyan Original LaserJet Toner Cartridge (~24,000 pages) W2171Z; HP 217Z Ultra Yield Yellow Original LaserJet Toner Cartridge (~24,000 pages) W2172Z; HP 217Z Ultra Yield Magenta Original LaserJet Toner Cartridge (~24,000 pages) W2173Z	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	
		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)	370
		Carbon emissions, manufacturing (kg of CO2e)	306
		Carbon emissions, logistics (kg of CO2e)	10
		Carbon emissions, end-of-life (kg of CO2e)	35
		Total carbon emissions, w/o use phase (kg of CO2e)	23
		Weight & dimensions	
		Width	500 mm
		Depth	460 mm
		Height	651 mm
		Weight	42.2 kg
		Packaging data	
		Package width	598 mm
		Package depth	798 mm
		Package height	680 mm
		Package weight	46.2 kg
		Packaging content	
		Cartridge(s) included	✓
		Included cartridge capacity (black)	9000 pages
		Included cartridge capacity (CMY)	6000 pages
		Cables included	AC
		Logistics data	
		Pallet gross weight	292.2 kg
		Layers per pallet	3 pc(s)
		Products per pallet	6 pc(s)
		Technical details	
		Box contents	HP Color LaserJet Enterprise MFP 6800dn Printer; HP Black Original LaserJet Toner Cartridge (~9,000 yield); HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~6,000 yield each) (toner cartridges installed); Documentation (Hardware Install Guide); Power cord
		Master (outer) cases per pallet layer 2 pc(s)	
		Compliance certificates	CECP, GS mark, CCC, BIS, cUL, UL, CE, EISM
		General Product Safety Regulation (GPSR) URL	https://support.hp.com/gb-en/product/startup-user-guides/hp-color-laserjet-enterprise-mfp-6800dn-printer-series/model/2100998544?sku=4QN35A&serialnumber=4QN35A : https://kaas.hpcloud.hp.com/pdf/public/pdf/4614655_en-US-1.pdf
		Other features	
		Number of users	30 user(s)
		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; optional 2,100-sheet high-capacity feeder: custom sizes not supported in this tray
HP segment	Business		
Input & output capacity			
Total number of input trays *	2		
Total input capacity *	650 sheets		
Total output capacity *	500 sheets		
Paper tray 1 input capacity	100 sheets		
Paper tray 2 input capacity	550 sheets		
Multi-Purpose tray	✓		
Multi-Purpose tray input capacity	100 sheets		
Auto document feeder (ADF)	✓		
Auto document feeder (ADF) input capacity	150 sheets		
Maximum number of input trays	5		
Maximum input capacity	3300 sheets		
Maximum output capacity	500 sheets		
Paper handling			
Maximum ISO A-series paper size *	A4		
Maximum print size	207.4 x 1191.4 mm		
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		
ISO B-series sizes (B0...B9)	B5, B6		
ISO C-series sizes (C0...C9)	C5, C6		
Non-ISO print media sizes	Oficio, 16K		
Envelopes sizes	B5, B6, C5, C6		
Photo paper sizes	10x15 cm		
Custom media width	64 - 216 mm		

Paper handling		Other features	
Custom media length	127 - 1200 mm	Pallet dimensions (W x D x H)	800 x 1200 x 2167 mm
Paper tray media weight	60 - 220 g/m ²	Power supply type	Built in 110V or 220 V Power Supply (not dual voltage, power supply varies by part number with option code identifier)
Multi-Purpose Tray media weight	45 - 199 g/m ²	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.
Envelope feeder	No	Compatible operating systems	Windows 11; Windows 10; Windows Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux; Citrix; Chrome OS
Ports & interfaces		Pallet dimensions (W x D x H) (imperial)	800.1 x 1199.9 x 2166.9 mm (31.5 x 47.2 x 85.3")
Direct printing *	✓	Pallet weight (imperial)	291.6 kg (642.8 lbs)
USB port	✓	Acoustic power emissions (ready)	34 dB
USB 2.0 ports quantity	1	Acoustic pressure emissions bystander (ready)	20 dB
USB 3.2 Gen 1 (3.1 Gen 1) ports quantity	2	Typical electricity consumption (TEC) number	0.709 kWh/week (Energy Star 3.0); 0.659 kWh/week (Blue Angel)
Network		UNSPSC-code	43212110
Wi-Fi *	✗	Processor frequency	1.6 GHz
Ethernet LAN *	✓	Manufacturer warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements.
Cabling technology	10/100/1000Base-T(X)	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.
Ethernet LAN data rates	10,100,1000 Mbit/s		



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