



HP Color LaserJet Enterprise 6700dn Printer

Brand : HP

Product family: Color LaserJet Enterprise **Product code:** 6QN33A#B19

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The most advanced and customisable HP A4 LaserJet, an advanced printer 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⁽⁹⁾ 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		Design			
Duplex printing mode	Auto	Certification	CISPR 22:2008 (International) - Class A; CISPR 32:2015 (International) - Class A; / EN 55032:2015+A11:2020 (EU) - Class A; 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 CFR 47 Part 15 Class A; ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries.		
Print resolution colour	1200 x 1200 DPI				
Print resolution black	1200 x 1200 DPI				
Print speed (colour, normal quality, A4/US Letter)	52 ppm				
Colour *	✓				
Print technology *	Laser				
Duplex printing *	✓				
Maximum resolution *	1200 x 1200 DPI				
Print speed (black, normal quality, A4/US Letter) *	52 ppm				
Warm-up time	120 s				
Time to first page (black, normal)	6.5 s	Power	Power consumption (printing) * 708 W Power consumption (ready) 47.3 W Power consumption (PowerSave) 0.08 W Power consumption (off) 0.08 W Energy Star Typical Electricity Consumption (TEC) 0.699 kWh/week AC input voltage 100 - 240 V AC input frequency 50/60 Hz		
Time to first page (colour, normal)	7.4 s				
Print margins (top, bottom, right, left)	4.3 mm				
Watermark printing	✓				
Secure printing	✓				
Features				System requirements	
Maximum duty cycle *	100000 pages per month			Windows operating systems supported	Windows 10, Windows 11
Recommended duty cycle	2000 - 14000 pages per month			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
Printing colours *	Black, Cyan, Magenta, Yellow			Linux operating systems supported	✓
Number of print cartridges *	4			Other operating systems supported	ChromeOS, Android, iOS
Page description languages *	PostScript 3, PDF 1.7, URF, PCL 5c	Operational conditions			
Printer fonts	Scalable, TrueType, Windows, PCL, PostScript	Operating temperature (T-T)	10 - 32.5 °C		
Country of origin	Japan	Storage temperature (T-T)	-20 - 40 °C		

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 214Z Ultra High Yield Black Original LaserJet Toner Cartridge (~31,000 pages) W2140Z; HP 214Z Ultra High Yield Cyan Original LaserJet Toner Cartridge (~26,000 pages) W2141Z; HP 214Z Ultra High Yield Yellow Original LaserJet Toner Cartridge (~26,000 pages) W2142Z; HP 214Z Ultra High Yield Magenta Original LaserJet Toner Cartridge (~26,000 pages) W2143Z		Operating relative humidity (H-H)	10 - 80%
			Sustainability	
			Sustainability compliance	✓
			Sustainability certificates	ENERGY STAR, Blue Angel, EPEAT Gold
			Sustainable technologies and materials	5% post-consumer recycled plastic; EPEAT® registered; ENERGY STAR® certified
			Carbon footprint	
			Total carbon footprint (kg of CO2e)	590
			Carbon emissions, manufacturing (kg of CO2e)	491
			Carbon emissions, logistics (kg of CO2e)	21
			Carbon emissions, end-of-life (kg of CO2e)	53
		Total carbon emissions, w/o use phase (kg of CO2e)	25	
		Weight & dimensions		
		Width	500 mm	
		Depth	460 mm	
		Height	415 mm	
		Pallet dimensions (W x D x H)	1000 x 1200 x 2106 mm	
		Weight	31.1 kg	
		Packaging data		
		Package width	498 mm	
		Package depth	598 mm	
		Package height	652 mm	
		Package weight	34.3 kg	
		Packaging content		
		Cartridge(s) included	✓	
		Included cartridge capacity (black)	7000 pages	
		Included cartridge capacity (CMY)	6000 pages	
		Cables included	AC	
		Brand-specific features		
		HP Auto-On/Auto-Off	✓	
		HP Dynamic security	✓	
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			
Maximum number of input trays	6			
Maximum input capacity	3850 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			
Photo paper sizes (imperial)	5x7,5x8,4x6			
Custom media width	64 - 216 mm			
Custom media length	127 - 1200 mm			

Paper handling		Brand-specific features	
Paper tray media weight	60 - 220 g/m ²		
Ports & interfaces			
Direct printing *	✓		
USB port *	✓		
USB 2.0 ports quantity	1		
Optional connectivity	Bluetooth, Near Field Communication (NFC), Wireless LAN		
Network			
Wi-Fi *	✗		
Ethernet LAN *	✓		
Cabling technology	10/100/1000Base-T(X)	HP Security tools	
Ethernet LAN data rates	10,100,1000 Mbit/s		
Security algorithms	SNMPv3, SSL/TLS, EAP-PEAP, EAP-TLS, FIPS 140, HTTPS, IPsec		
Mobile printing technologies	Mopria Print Service, Apple AirPrint		
Performance			
Internal memory *	2048 MB		
Maximum internal memory	6144 MB		
Memory slots	1		
Internal storage capacity	16 GB		
Storage media	eMMC		
Built-in processor	✓		
Processor frequency	1200 MHz		
Sound pressure level (printing)	54 dB		
Sound power level (printing)	6.6 dB		
Design		HP GTIN (EAN/UPC) with options	
Market positioning *	Business		
Product colour *	White		
Built-in display *	✓		
Display	CGD	HP GTIN (EAN/UPC)	
Colour display	✓		
Display diagonal	10.9 cm (4.3")		
Control type	Touch		
			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
			(AAZ) 196068676216; (ABT) 196068676292; (ABY) 196068676322; (ACQ) 196068676384; (B13) 196068676414; (B19) 196068676421; (BAZ) 196068676438
			196068676216, 196068676292, 196068676322, 196068676384, 196068676414, 196068676421, 196068676438
		Logistics data	
		Pallet gross weight	425.9 kg
		Layers per pallet	3 pc(s)
		Products per pallet	12 pc(s)
Technical details			
<small>Master (outer) cases per pallet layer 4 pc(s) Compliance certificates CECP, GS mark, CCC, BIS, cUL, UL, CE, BSMI General Product Safety Regulation https://support.hp.com/igb-en/products/setup-user-guides/hp-color-laserjet-enterprise-6700dn-printer-series/model/2101004907?sku=6Q0N33A (GPSR) URL: https://k.sas.hpcloud.hp.com/pdf/public/pdf_45377387_en-US_1.pdf</small>			
		Other features	
		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.
		Recommended humidity operating range	30 - 70%
		Recommended operating temperature range (T-T)	15 - 27 °C
		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
		Envelope feeder	No

Other features

Electromagnetic compatibility	CISPR 22:2008 (International) - Class A; CISPR 32:2015 (International) - Class A; / EN 55032:2015+A11:2020 (EU) - Class A; 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 CFR 47 Part 15 Class A; ICES-003, Issue 7 Class A. Other EMC approvals as required by individual countries.
Compatible operating systems	Windows 11; Windows 10; Windows Server; Windows Client OS; Android; iOS; Mobile OS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey; Linux; Citrix; Chrome OS; UNIX; Novell; SAP
Pallet dimensions (W x D x H) (imperial)	1000 x 1199.9 x 2105.9 mm (39.4 x 47.2 x 82.9")
Pallet weight (imperial)	425 kg (936.9 lbs)
Acoustic power emissions (ready)	34 dB
Acoustic pressure emissions bystander (ready)	21 dB
Typical electricity consumption (TEC) number	0.699 kWh/week (Energy Star 3.0); 0.679 kWh/week (Blue Angel)
UNSPSC-code	43212105
Box contents	HP Color LaserJet Enterprise 6700dn Printer; HP Black Original LaserJet Toner Cartridge (~7,000 yield), HP Cyan, Magenta and Yellow Original LaserJet Toner Cartridges (~6,000 yield each) (toner cartridges installed); Documentation (Hardware Install Guide); Power cord
Printing	Colour printing
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.



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