HP Color LaserJet Enterprise 6700dn Printer



Brand : HP

Product family: Color LaserJet Enterprise

Product code: 6QN33A#B19

Product name : Color LaserJet Enterprise 6700dn Printer

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HP Color LaserJet Enterprise 6700dn Printer:

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	
Duplex printing mode	Auto
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
Time to first page (colour, normal)	7.4 s
Print margins (top, bottom, right, left)	4.3 mm
Watermark printing	✔
Secure printing	✔

Features	
Maximum duty cycle *	100000 pages per month
Recommended duty cycle	2000 - 14000 pages per month
Printing colours *	Black, Cyan, Magenta, Yellow
Number of print cartridges *	4
Page description languages *	PostScript 3, PDF 1.7, URF, PCL 5c
Printer fonts	Scalable, TrueType, Windows, PCL, PostScript
Country of origin	Japan

Design	
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.

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

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	✔
Other operating systems supported	ChromeOS, Android, iOS

Operational conditions	
Operating temperature (T-T)	10 - 32.5 °C
Storage temperature (T-T)	-20 - 40 °C

Features	
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
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

Operational conditions	
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	✔

Paper handling	
Paper tray media weight	60 - 220 g/m²

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)
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	
Market positioning *	Business
Product colour *	White
Built-in display *	✔
Display	CGD
Colour display	✔
Display diagonal	10.9 cm (4.3")
Control type	Touch

Brand-specific features	
HP Security tools	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 ShieldTM 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 accessable in Arcsight and Splunk SIEMs
HP GTIN (EAN/UPC) with options	(AAZ) 196068676216; (ABT) 196068676292; (ABY) 196068676322; (ACQ) 196068676384; (B13) 196068676414; (B19) 196068676421; (BAZ) 196068676438
HP GTIN (EAN/UPC)	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

Master (outer) cases per pallet layer	4 pc(s)
Compliance certificates	CECP, 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-6700dn-printer-series/model/2101004907?sku=6QN33A ; https://kaas.hpcloud.hp.com/pdf-public/pdf_4577367_en-US-1.pdf

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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