HP Color LaserJet Enterprise 6701dn Printer



Powerfully productive. Extraordinarily efficient.

Transform your workflows with advanced capabilities in a compact footprint. Customisable configurations from print speeds to colour panels¹⁰ help to meet the needs of busy workgroups. All while protecting your business against evolving security threats.



This printer is intended to work only with cartridges that have a new or reused HP chip, and it uses dynamic security measures to block cartridges using a non-HP chip. Periodic firmware updates will maintain the effectiveness of these measures and block cartridges that previously worked. A reused HP chip enables the use of reused, remanufactured, and refilled cartridges. More at: http://www.hp.com/learn/ds



Customisable and scalable solutions¹

- Get the functionality you need with unprecedented, flexible configurations built to order. Optimise
 your device to meet your business needs and your budget.
- Choose built-in storage options including HDD and SSD drives to handle data and document stored on the device.

Fast and seamless digitisation

- Customise your print experience with cloud-connected HP Workpath apps. Access personalised content and integrate paper and digital workflows.²
- Give your team the tools to succeed with the HP Open Extensibility Platform containing hundreds of HP and third-party solutions, and card reader support.
- Make colour management simple with HP Custom Color Manager. Match colour output of any document-device combination by simply pulling color profiles from the cloud. Get high-quality colour profiles without the hassle of expensive colour matching systems.³
- Targeted fusing technology⁴ requires less energy and helps to reduce cooling requirements allowing for larger, faster colour print jobs.

Everything you expect from an office printer

- Advanced workflow solutions makes this fully featured A4 printer the best choice for all your workgroup needs.
- Maintain productivity and stay up to date on the latest features across your fleet with upgradeable HP FutureSmart firmware⁵
- Take control of your printing environment with HP Web Jetadmin⁶ to help manage your fleet and build
 consistent print experiences.
- Busy work groups can get everything done with fast print speeds of up to 61 ppm⁷ setting the pace to handle any workload with reliable quality.

Always on guard with HP Wolf Security

- With HP Sure Start always working behind the scenes, the operating code (BIOS) is automatically checked during start-up and repairs itself if compromised.
- HP Connection Inspector examines network connections. The printer's outgoing network connections
 are inspected to stop suspicious requests and thwart malware so you can stay connected and in the
 clear.
- Memory ShieldTM and expanded run-time intrusion detection protects memory and other
 applications. Common Criteria certified[®] to continually monitor memory activity, detect and stop zeroday attacks in real time [known/unknown] and self-heal.
- Minimise exposure with whitelisting checks, firmware that is automatically checked during start-up to determine if it's authentic code – digitally signed by HP.

Product walkaround

- 1. Automatic 2-sided printing
- 2. HP eMMC storage
- 3. Front door access to All-in-One toner cartridges
- 4. 500-sheet output bin supports media sizes up to A4
- 5. 4.3 inch color touchscreen display (10.9 cm)
- 6. Hardware Integration Pocket (for connecting accessories and third-party devices)
- 7. Easy-access USB port
- 8. Power button
- 9. Right door access to the print path
- 10. 100-sheet multipurpose tray 1 supports media sizes up to A4
- 11. 550-sheet tray 2 supports media sizes up to A4
- 12. Slot for cable-type security lock
- 13. SuperSpeed USB 3.0 Host Port
- 14. Hi-Speed USB 2.0 Host Port
- 15. Gigabit Ethernet Port
- 16. SuperSpeed 3.0 device port



Series at a glance



Model	HP Color LaserJet Enterprise 6701dn Printer	
Product number	58M42A	
Functions	Print	
Print speed	61 ppm (A4)	
Control panel	10.9 cm color touchscreen display	
RMPV	Up to 17,000 pages per month	
Input capacity	650/3,850 (std/max)	
Output capacity (standard)	500-sheets	
Processor	Dual-core 1.2 GHz	
Workpath enabled	Yes (with 4GB upgrade	
Extensibility	HP FutureSmart 5, OXPd	

Accessories, Supplies and Support

Supplies	527F9A HP LaserJet Toner Collection Unit (~150,000) pages (~150,000) pages (~150,000) pages
	527G3A HP Laser Jet 220V Enhanced Fuser Kit (~200,000) pages (~200,000)
	327/09A HP Laser Jet Image Transfer Bett (~225,000) pages (~225,000) pages (~225,000) pages (~225,000) pages
	527H2A HP LaserJet Tray 2 Roller Kit (~150,000) pages (~150,000) pages (~150,000) pages (~150,000) pages
	527H3A HP LaserJet MP Tray Roller Kit (~150,000) pages (~150,000) pages (~150,000) pages (~150,000) pages
	6H122A HP LaserJet ADF Maintenance Kit (~150,000) pages (~150,000) pages (~150,000) pages (~150,000) pages (~150,000) pages (~150,000) pages
	W2130X HP 213X High Yield Black Original LaserJet Toner Cartridge (~9,000) pages
	W2130Y HP 213Y Extra High Yield Black Original Laser Jet Toner Cartridge (~18,000) pages
	W2131A HP 213A Cyan Original LaserJet Toner Cartridge (~3,000) pages W2131X HP 213X High Yield Cyan Original LaserJet Toner Cartridge (~6,000) pages
	W2131Y HP 213A High Yield Cyan Original LaserJet Toner Cartridge (~12,000) pages W2131Y HP 213A Kitar High Yield Cyan Original LaserJet Toner Cartridge (~12,000) pages
	W2132A HP 213A Yellow Original LaserJet Toner Cartridge (~3,000) pages
	W2132X HP 213X High Yield Yellow Original Laser Jet Toner Cartridge (~6,000) pages
	W2132Y HP 213Y Extra High Yield Yellow Original LaserJet Toner Cartridge (~12,000) pages W2133A HP 213A Magenta Original LaserJet Toner Cartridge (~3,000) pages
	W2133X HP 213X High Yield Magenta Original LaserJet Toner Cartridge (~6,000) pages
	W2133Y HP 213Y Extra High Yield Magenta Original LaserJet Toner Cartridge (~12,000) pages
	W21402 HP 2142 Ultra High Yield Black Original LaserJet Toner Cartridge (~31,000) pages
	W2141Z HP 214Z Ultra High Yield Cyan Original LaserJet Toner Cartridge (~26,000) pages W2142Z HP 214Z Ultra High Yield Yellow Original LaserJet Toner Cartridge (~26,000) pages
	W2143Z HP 214Z Ultra High Yield Magenta Original LaserJet Toner Cartridge (~26,000) pages
Accessories	1M8J0A HP 4GB DDR3Lx64 204-pin 933MHz DIMM
	1M8J1A HP 4GB DDR3Lx64 204-pin 933MHz DIMM TAA
	2NR12A HP Removable Hard Drive Enclosure
	35H11A HP HID Mobile Access Mifare DES Fire Keystroking Reader
	3JN69A HP Jetdirect 3100w BLE/NFC/Wireless Accessory
	478C2A HP Printing Voice Assistant
	4QL32A HP Legic Secure USB Reader
	4XN67A Internal USB Expansion Kit
	616G9A HP LaserJet A5 HCI Guide Kit
	616H0A HP LaserJet Statement HCI Guide Kit
	65A28A HP Color Laser Jet Constellation Yellow 550 sheet Paper Tray
	65A29A HP Color Laser Jet Cosmic Green 550 sheet Paper Tray
	65A30A HP Color Laser Jet Aurora Purple 550 sheet Paper Tray
	65A31A HP Color Laser Jet Comet Red 550 sheet Paper Tray
	65A32A HP Color Laser Jet Lunar Gray 550 sheet Paper Tray
	65A33A HP Color Laser Jet Constellation Yellow 2100 sheet High Capacity Paper Tray/Stand
	65A34A HP Color Laser Jet Cosmic Green 2100 sheet High Capacity Paper Tray/Stand
	65A35A HP Color Laser Jet Aurora Purple 2100 sheet High Capacity Paper Tray/Stand
	65A36A HP Color Laser Jet Comet Red 2100 sheet High Capacity Paper Tray/Stand
	65A37A HP Color Laser Jet Lunar Gray 2100 sheet High Capacity Paper Tray/Stand
	65A3BA HP Color Laser Jet Constellation Yellow Storage Stand
	65A39A HP Color Laser Jet Cosmic Green Storage Stand
	65A40A HP Color Laser let Aurora Purple Storage Stand
	65A41A HP Color Laser let Comet Red Storage Stand
	65A42A HP Color Laser Jet Lunar Gray Storage Stand
	60N54A HP Color Laser let Stand
	6QN55A HP Color LaserJet Storage Stand
	60N57A HP Color LaserJet 550-sheet Media Tray
	6QN58A HP Color LaserJet 2100 HCI Feeder and Stand
	8FP31A HP Jetdirect LAN Accessory
	9EQ11A HP 500GB CCC, FIPS Hard Disk Drive
	X3D03A HP USB Universal Card Reader
	Y7C05A HP HIP2 Keystroke Reader
Service and Support	U45RJE HP 3 year Next Business Day Service with Defective Media Retention for Color LaserJet Ent 670x
service and support	U45RKE HP 4 year Next Business Day Service with Media Retention To Color Laser Jet Ent 070X U45RKE HP 4 year Next Business Day Service with Media Retention for Color Laser Jet Ent 670x
	U45RLE HP 5 year Next Business Day Service with Media Retention for Color LaserJet Ent 670x
	U45RVE HP 3 year Parts Only Service with Defective Media Retention for Color Laser JetEnt670x
	U45RWE HP 4 year Parts Only Service with Defective Media Retention for Color LaserJetEnt670x U45RXE HP 5 year Parts Only Service with Defective Media Retention for Color LaserJetEnt670x
	U45RYPE HP 1 year Post Warranty Next Business Day Service with Defective Media Retention for Color LaserJet Ent 670x
	U45S4PE HP 1 year Post Warranty Parts Only Service with Defective Media Retention for Color LaserJetEnt670x

Technical specifications

Protections Prote	Model	HP Color LaserJet Enterprise 6701dn Printer	
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Cored poed A 2 in (10 is on) buildnesses with color graphics First speed Book (MA, named) is to 61 ppm (Door MA, named) to 161 ppm (Block (MA, named) to 161 ppm (Block (MA, named) is			
Text Inchmotory Text Exhances Text		4.3 in (10.9 cm) touchscreen with color graphics	
Bits (MA, normal) to 6 to 6 to 700 Colour MA, normal) to 6 to 8 to 9 to 700 Colour MA, dupled to 6 to 8 to 9 to 9 to 700 Colour MA, dupled to 6 to 8 to 9 to 9 to 700 Colour MA, dupled to 9 to 8 to 9 to 9 to 700 Colour MA, dupled to 9 to 100 to 100 May 10			
Bits (MA, normal) to 6 to 6 to 700 Colour MA, normal) to 6 to 8 to 9 to 700 Colour MA, dupled to 6 to 8 to 9 to 9 to 700 Colour MA, dupled to 6 to 8 to 9 to 9 to 700 Colour MA, dupled to 9 to 8 to 9 to 9 to 700 Colour MA, dupled to 9 to 100 to 100 May 10		Laser	
Black Cheed 1; po 1 200 x 1200	Print speed ⁶	Black (A4, normal): Up to 61 ppm Colour (A4, normal): Up to 61 ppm; Black (A4, duplex): Up to 61 ipm Colour (A4, duplex): Up to 61 ipm	
Cookanoo day	First page out ⁸	Black (A4, ready): As fast as 6.0 sec Colour (A4, ready): As fast as 6.5 sec; Black (A4, sleep): As fast as 8.4 sec Colour (A4, sleep): As fast as 8.9 sec	
Printer smort software leatures of the control software print plants and software prints from the control of th	Print resolution	Black (best): Up to 1200 x 1200 dpi Colour (best): Up to 1200 x 1200 dpi; Technology: HP ImageREt 3600, Enhanced (600x600 dpi), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)	
Printer of a Survivarie print activation print activation print process print	Monthly duty cycle	Up to 100,000 pages A4; Recommended monthly page volume: 2000 to 17,000	
105 internal Trust/pse forts scalable in in PPCI, 32 internal scalable forts in IPP passcript level 3 emulation (Fundamental Services (Andels Mano) World Syrve 2 internal World Post (Andels Mano) World Syrve 2 internal World Post (Andels Mano) Print area 1.2 Gize Print USB port. 1 Gigabit Ethernet 10/10/07/0000 Final Manon (Andels Andels		Printing, Hardware Integration Pocket, Intuitive 4.3 in (10.9 cm) touchscreen control panel, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs,	
Forts and typefaces World Type? Z Internal Windows Vista of Ports Craibin, Cambrial; additional forts solutions available via third party flash memory cards; HP Lase Jet Forts and IPDS Emulation available of http://www.hp.com/gio/Sepieford/ports/ Processor speed 1.2 Gitz Connectivity Florida 1 1 Front USB port; 1 Gigabit Ethernet 10/100/10001 network; 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed U	Standard print languages	HP PCL 6; HP PCL 5c; HP postscript level 3 emulation, native PDF printing (v 1.7), URF (AirPrint)	
Duples printing Automatic Processor speed 1.2 diz Proc	Fonts and typefaces	WorldType); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP Laser Jet Fonts and IPDS Emulation	
Processor speed 1.2 GHz Connectivity Standard 1 Front USB port; 1 Gigabit Ethernet 10/100/1000T network; 1 Super Speed USB 3.0 (Idevice); 1 Super Speed USB 3.0 (Invot) Optional HP Jeddirect 3100w BLE/NEC/Wireless Accessory 3.0459/k-IPP Jeddirect LAN Accessory 98P31A Mobile printing capability Apple AirPrint**, NEC Louch-to-print (Inpotonal), Morprin** Certified Valuation-network protocols USB port; 1 Gigabit Ethernet (Inpotonal), Morprin** Certified Valuation-network protocols DEPONDED Air Print**, NEC Louch-to-print (Inpotonal), Morprin** Certified Valuation-network protocols DEPONDED Air Print**, NEC Louch-to-print (Inpotonal), Morprin** Certified Valuation-network (Inpotonal), Place Standard Certified Valuation-network (Inpotonal), Place Standard Valuation Certified (Inpotonal), Place Standard Valuation Valuation (Inpotonal), Place Valuation (Inpotonal), Place Standard Valuation Valuation (Inpotonal), Place Valuation Valuation Valuation (Inpotonal), Place Valuation Valuatio	Print area	Print margins Top: 4.3 mm, Bottom: 4.3 mm, Left: 4.3 mm, Right: 4.3 mm; Maximum print area: 207.4 x 1191.4 mm	
Standard 1 Front USB port; 1 Gigabit Ethernet 10/100/1000T network; 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host)	Duplex printing	Automatic	
Standard 1 Front USB port; 1 Gigabit Ethernet 10/10/10/01 network; 1 SuperSpeed USB 3.0 (dev.de); 1 SuperSpeed USB 3.0 thost) ### Jetifiers 11 10/w BEL/NEC/Wireless Accessory 3.N/9694; He Jetifiers Liva Chrost Host Part 19 (1994); He Jetifiers Liva Accessory 3.N/9694; He Jetifiers Liva Accessory	Processor speed	1.2 GHz	
Optional HP Jeddirect 3100w BLE/NFC/Wireless Accessory 3.N69A; HP Jeddirect LNN Accessory 6FP31A Mobile printing capability Apple AirPrint*, NFC touch-to-print (optional); Moprais* Certified Very London British and Standard St	Connectivity		
Mobile printing capability	Standard	1 Front USB port; 1 Gigabit Ethernet 10/100/1000T network; 1 SuperSpeed USB 3.0 (device); 1 SuperSpeed USB 3.0 (host)	
Supported network protocols Su	Optional	HP Jetdirect 3100w BLE/NFC/Wireless Accessory 3JN69A; HP Jetdirect LAN Accessory 8FP31A	
Supported network protocos Print: Discovery, SLP, Bonjour, Web Services Discovery, IP Config.; IPv4 (Bonzt) PufCP, AutoRP, Anaual, TFP1 (Ponfig, ANAP-96), IPv6 (Stateless Link-Local and via Router, Statefull via Diffeo), Management. SIMMP2/NS, JLTPH TITPS, IFF1 (Fire, LT PET Config.), April 1979 (Stateless Link-Local and via Router, Statefull via Diffeo), Management. SIMMP2/NS, JLTPH TITPS, IFF1 (Fire, LTPE) Config., 1979 (Stateless), SSC (et Management, Firewal, ACL, 1802.11 x) (Protocology). Significant Configuration of the State S	Mobile printing capability	Apple AirPrint™; NFC touch-to-print (optional); Mopria™ Certified	
Standard; 802.11 a/b/g/n wireless networking (optional). Hard disk Standard; 16 GB eMMC; Optional, 32 GB eMMC (via CTO); Optional, minimum 500 GB HDD; Optional, 256 GB SSD (via CTO)	Supported network protocols	Print; Discovery: SLP, Bonjour, Web Services Discovery; IP Config: IPv4 (BootP, DHCP, AutoIP, Manual, TFTP Config, ARP-Ping), IPv6 (Stateless Link-Local and via Router, Statefull via	
Media handling Number of paper trays Standard: 2 (Bit Maximum: 10 to 6 Media types Standard: 2 (Maximum: 10 to 6 Media types Standard: 2 (Maximum: 10 to 6 Paper (Iplain, Light, intermediale, light bond, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy, extra heavy glossy, cardstock, card glossy), color transporency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined Custom (metric): 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 Supported (metric): Tray 1: A4, 85, A6, R4A, B8, B6, 161 x 17 x 148 to 216 x 356 mm; optional 2,100-sheet high-capacity feeder: A4, A5 (with optional accessory) Media handling Tray 1: Paper: 100 sheets of 75 g/m² media; Envelopes: 10 Tray 2: Paper: 550 sheets Maximum: Up to 3850 sheets Media weight Tray 1: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); ray 2: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 2,100-sheet input tray: 60 to 220 g/m² (glossy); optional 2,100-sheet input tray: 60 to 220 g/m² (plain), 120 to 22	Network capabilities		
Number of paper trays Standard: 2; Maximum: Up to 6 Media types Paper (plain, light, intermediate, light bond, bond, recycled, mid-weight, heavy, mid-weight glossy, extra heavy, extra heavy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined Custom (metric): 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 Supported (metric): Tray 1: Aq, AS, A6, RA4, BB, BB, BB, BB, BB, BB, BB, BB, BB, B	Hard disk	Standard, 16 GB eMMC; Optional, 32 GB eMMC (via CTO); Optional, minimum 500 GB HDD; Optional, 256 GB SSD (via CTO)	
Number of paper trays Standard: 2: Maximum: Up to 6	Memory	Standard: 2 GB ;Maximum: 6 GB	
Paper (plain, light, intermediate, light bond, bond, recycled, mid-weight, heavy, mid-weight glossy, heavy glossy, extra heavy glossy, cardstock, card glossy), color transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined Custom (metric): 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 Supported (metric): Tray 1: A4, A5, A6, RA4, B5, B6, 16k, 10 x 15 cm, Officio, postcard UIS; optional 2,100-sheet high-capacity feeder: A4; A5 (with optional accessory) Media handling Tray 1: Paper: 100 sheets of 75 g/m² media; Envelopes: 10 Tray 2: Paper: 550 sheets Maximum: Up to 3850 sheets Media weight Tray 1: 60 to 220 g/m² (glossy); ray 2: 60 to 220 g/m² (glossy); ray 2: 60 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays (up to 3), optional 2,100-sheet high-capacity input: 60 to 220 g/m² (glossy); optional input: optional 550-sheet input trays (up to 3), optional 2,100-sheet high-capacity input: 60 to 220 g/m² (glossy); optional 150-sheet input trays (up to 3), optional 2,100-sheet high-capacity input: 60 to 220 g/m² (glossy); optional 150-sheet input trays (up to 3), optional 2,100-sheet bidy capacity Standard: Up to 500 sheets Maximum: Up to 500 sheets 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; Linux; Chrome OS SAP; Novell; UNIX; Citrix; Windows Server Operating systems Minimum system requirements Windows: 2 GB available hard disk space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see microsoft.com; Mac 2 GB available	Media handling		
transparency, labels, letterhead, envelope, preprinted, prepunched, colored, rough, opaque film, user-defined Custom (metric). 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 Supported (metric): Tray 1: 44, AS, A6, RA4, BS, B6, 10x 15 cm, Officio, postcards (I/S single and double) envelopes (DL, CS, BS, C6); Tray 2, optional 1x550-sheet feeders: A4, AS, A6, RA4, BS, B6, 10x 15 cm, Officio, losk. Dipostcard (I/S) optional 2,100-sheet high-capacity feeder: A4; AS (with optional accessory) Media handling Tray 1: Paper: 100 sheets of 75 g/m² media; Envelopes: 10 Tray 2: Paper: 550 sheets Maximum: Up to 3850 sheets Media weight Tray 1: 60 to 220 g/m² (glossy); optional 2,100-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 5	Number of paper trays	Standard: 2 ;Maximum: Up to 6	
not supported in this tray Supported (metric): Tray 1: Ad. AS, A6, RA4, BS, B6, 10x 15 cm, Oficio, postcards (JIS single and double) envelopes (DL, C5, BS, C6); Tray 2; optional 1x550-sheet feeders: A4, AS, A6, RA4, BS, B6, 10x 15 cm, Oficio, 16k, Dpostcard (JIS); optional 2;100-sheet high-capacity feeder: A4; AS (with optional accessory) Media handling Tray 1: Paper: 100 sheets of 75 g/m² media; Envelopes: 10 Tray 2: Paper: 550 sheets Maximum: Up to 3850 sheets Tray 1: 60 to 220 g/m² (plain), 120 to 220 g/m² (pl	Media types		
Media weight Tray 1: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); Tray 2: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220 g/m² (plain), 120 to 220 g/m² (glossy); optional 550-sheet input trays: 60 to 220 g/m² (plain), 120 to 220	Media size	not supported in this tray Supported (metric): Tray 1: A4, A5, A6, RA4, B5, B6, 16k, 10 x 15 cm, Oficio, postcards (JIS single and double) envelopes (DL, C5, B5, C6); Tray 2, optional	
Standard input: 550-sheet input tray, 100-sheet multi-purpose tray Standard output: 500-sheet output bin Optional input: optional 550-sheet input trays (up to 3), optional 2,100-sheet high capacity input	Media handling	Tray 1: Paper: 100 sheets of 75 g/m² media; Envelopes: 10 Tray 2: Paper: 550 sheets Maximum: Up to 3850 sheets	
sheet high capacity sheet high capacity input Output capacity Standard: Up to 500 sheets Maximum: Up to 500 sheets 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; Linux; Chrome OS SAP; Novell; UNIX; Citrix; Windows Server Minimum system requirements Windows: 2 GB available hard disk space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see microsoft.com; mac 2 GB available hard drive space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see apple.com; Software included No software solutions are included in the Box only on http://hp.com http://123.hp.com, http://support.hp.com; 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	Media weight		
Compatible network operating systems SAP; Novell; UNIX; Citrix; Windows Server Minimum system requirements Minows: 2 GB available hard disk space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see microsoft.com; Mac 2 GB available hard drive space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see microsoft.com; Mac 2 GB available hard drive space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see microsoft.com; Mac 2 GB available hard drive space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see apple.com; Software included No software solutions are included in the Box only on http://hp.com http://l23.hp.com, http://support.hp.com; 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 WIA-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; SL/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	Input capacity		
Compatible network operating systems SAP; Novell; UNIX; Citrix; Windows Server Minimum system requirements Minimum system requirements Software included No software solutions are included in the Box only on http://hp.com http://hp.com, http://support.hp.com; 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; SL/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	Output capacity	Standard: Up to 500 sheets Maximum: Up to 500 sheets	
SAP; Novelt; UNIX; Utrix; Windows Server Minimum system requirements Windows: 2 GB available hard disk space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see microsoft.com; Mac: 2 GB available hard drive space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see apple.com; Software included No software solutions are included in the Box only on http://hp.com http://123.hp.com, http://support.hp.com; 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 WIA-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		Windows 11; Windows 10; Windows Client OS; Android; iOS; Mobile OS; macOS 12 Monterey; macOS 11 Big Sur; macOS 10.15 Catalina; Linux; Chrome OS	
Fequirements Mac: 2 GB available hard drive space; Internet connection; or USB port; Internet browser. For additional OS hardware requirements see apple.com; No software solutions are included in the Box only on http://hp.com http://support.hp.com; 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 WIA-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		SAP; Novell; UNIX; Citrix; Windows Server	
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Security management 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	Software included	No software solutions are included in the Box only on http://hp.com http://support.hp.com;	
Printer management HP Web JetAdmin; Embedded Web Server; HP Security Manager; HP Insights; HP Advance; HP Command Center; HP Smart Device Services (SDS)	Security management	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 (IFI) in-device monitoring for attacks; SureStart Secure Boot - BIOS Integrity Checking with self-healing capability; Whitelisting - loads only known good	

Technical specifications

Model	HP Color LaserJet Enterprise 6701dn Printer	
Product number	58M42A	
Dimensions and weight		
Printer dimensions (W \times D \times H) ⁹	Minimum 500 x 460 x 415 mm; Maximum : 860 x 770 x 470 mm	
Package dimensions (W x D x H)	498 x 598 x 652 mm	
Printer weight	31.14 kg	
Package weight	34.3 kg	
Operating environment	Temperature: 10 to 32.5°C Humidity: 30 to 70% RH	
Storage conditions	Temperature: -20 to 40°C	
Acoustics	Acoustic power emissions: 6.6 Bel (A) Acoustic pressure emissions: 55 dB(A)	
Power	Requirements: Input voltage: 100V to 127V nominal (+/-10%), 50 - 60Hz nominal (+/-3Hz), 12 A; Input voltage: 220V to 240V nominal, (+/-10%) 50 - 60Hz nominal (+/-3Hz), 6 A; Consumption: 708 watts (Printing/Copying), 47.3 watts (Ready), 1.23 watts (Sleep), 0.08 watts (Auto Off/Manual On), 0.08 watts (Manual Off); Typical Electricity Consumption (TEC): 0.699 kWh/week (Energy Star 3.0); 0.679 kWh/week (Blue Angel); Power supply type: Built in 110V or 220 V Power Supply (not dual voltage, power supply varies by part number with option code identifier)	
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology; Low-power sleep mode; Power save	
Certifications ¹	UL/cUL (US/Canada); RCM (Australia); TUV and GS Mark (Germany); Department of Industrial Standards of Cambodia; Bureau of Standards, Metrology and Inspection Ministry of Economic Affairs – BSMI (Taiwan); Certificate of China Compulsory Product Certification – CCC (China); Bureau of Indian Standards – BIS Registration (India); PSB (Singapore); Eastern European country approvals; CE Marking; Other Safety & EMC Certification approvals as required by individual countries. Electromagnetic emission standard: CISPR 22:2008 (International) Class A, ISPR 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. CECP; Blue Angel; IT ECO Declaration; EPEAT® Gold registered; SEPA; KOECO Blue Angel compliant ⁴ Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies	
Sustainable impact specifications	5% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered	
Country of origin	Made in Japan	
What's in the box ²	58M42A HP Color LaserJet 6701dn 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	
Warranty	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Go to http://hp.com/support to learn about HP award winning service and support options in your region.	

Footnotes

- ¹ To learn more about configure to order options, contact your HP or Partner Representative.
- ² Not all MFPs may be compatible with Workpath apps. To enable HP Workpath, some devices may require optional accessory or firmware to be upgraded. Not all apps may be available in all locations. Subscription may be required. Personalized content and integration functions are applicable to supported HP Workpath apps only.
- Ontact your HP or your Partner Representative to learn more about Custom Color Manager.
- ⁴ Targeted fusing technology comes standard on the 6000/X600 series bundles and is offered as an optional service part on the 5000/X500 series.
- 5 Some features enabled by future HP FutureSmart firmware upgrades may not be available on older devices, if for example, physical product characteristics limit the functionality of the new feature.
- 6 HP Web Jetadmin is available for download at no additional charge at https://www.hp.com/go/wja
- ⁷ Measured using ISO/IEC 24734, excludes first set of test documents. For more information, see http://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- 8 Third-party certification based on Common Criteria Information Technology Security Evaluation ISO/IEC 15408 Standard requirements as of May 2019-2024. Certification applicable to HP Managed and Enterprise devices running HP FutureSmart Firmware version 4.5.1 and later. For more information: https://www.commoncriteriaportal.org/files/epfiles/Certification Report HP Intrusion Detection.pdf.
- 10 This product comes with Atmosphere Blue (standard) panels. Panels in other colors (Constellation Yellow, Comet Red, Aurora Purple, Lunar Grey, Cosmic Green) are only available transactionally via HP Configure to Order, or contractually via Managed Print Services. Models offered in China have Lunar Grey (standard) instead of Atmosphere Blue. Please contact your HP or partner representative to learn more about customizable color panels.

Technical specifications disclaimers

- ¹ EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
- ² For yield information on the cartridge(s) included with your printer, see http://www.hp.com/go/toneryield. Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.
- ³ Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
- ⁴ Power requirements are based on the country/region where the printer is sold. Do not convert operating voltages. This will damage the printer and void the product warranty. Energy Star value typically based on measurement of 115V device and 230V for Blue Angel.
- S Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see https://www.hp.com/go/toneryield
- ⁶ Measured using ISO/IEC 24734, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- ⁷ Measured using ISO/IEC 24734 Feature Performance Test, excludes first set of test documents. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- ⁸ Measured using ISO/IEC 17629. For more information see https://www.hp.com/go/printerclaims. Exact speed varies depending on the system configuration, software application, driver, and document complexity.
- ⁹ Maximum dimensions means doors, paper trays, and ADF (if applicable) are fully open.

