



Product guide

HP LaserJet Enterprise 6500 Monochrome Printers series

The ultimate A4 enterprise printer for large teams

Built to simplify document workflows and handle high-volume printing with blazing-fast speeds and customisable features. It integrates effortlessly with your existing fleet, is future-ready with upgradable solutions and is the world's most secure to protect your data.¹



Get the power to be
more productive



Simplify work with
automated workflows



The world's most secure
printing technology¹



Save energy and help
reduce waste



HP LaserJet Enterprise 6500n walkaround

2.7-inch colour non-touch display (6.8 cm)



500-sheet output bin supports media sizes up to Legal (8.5x14 inch)

Hardware Integration Pocket (for connecting accessories and third-party devices)¹

100-sheet multi-purpose tray 1 supports media sizes up to Legal (8.5x14 inch)



550-sheet tray 2 supports media sizes up to Legal (8.5x14 inch)

Gigabit Ethernet port

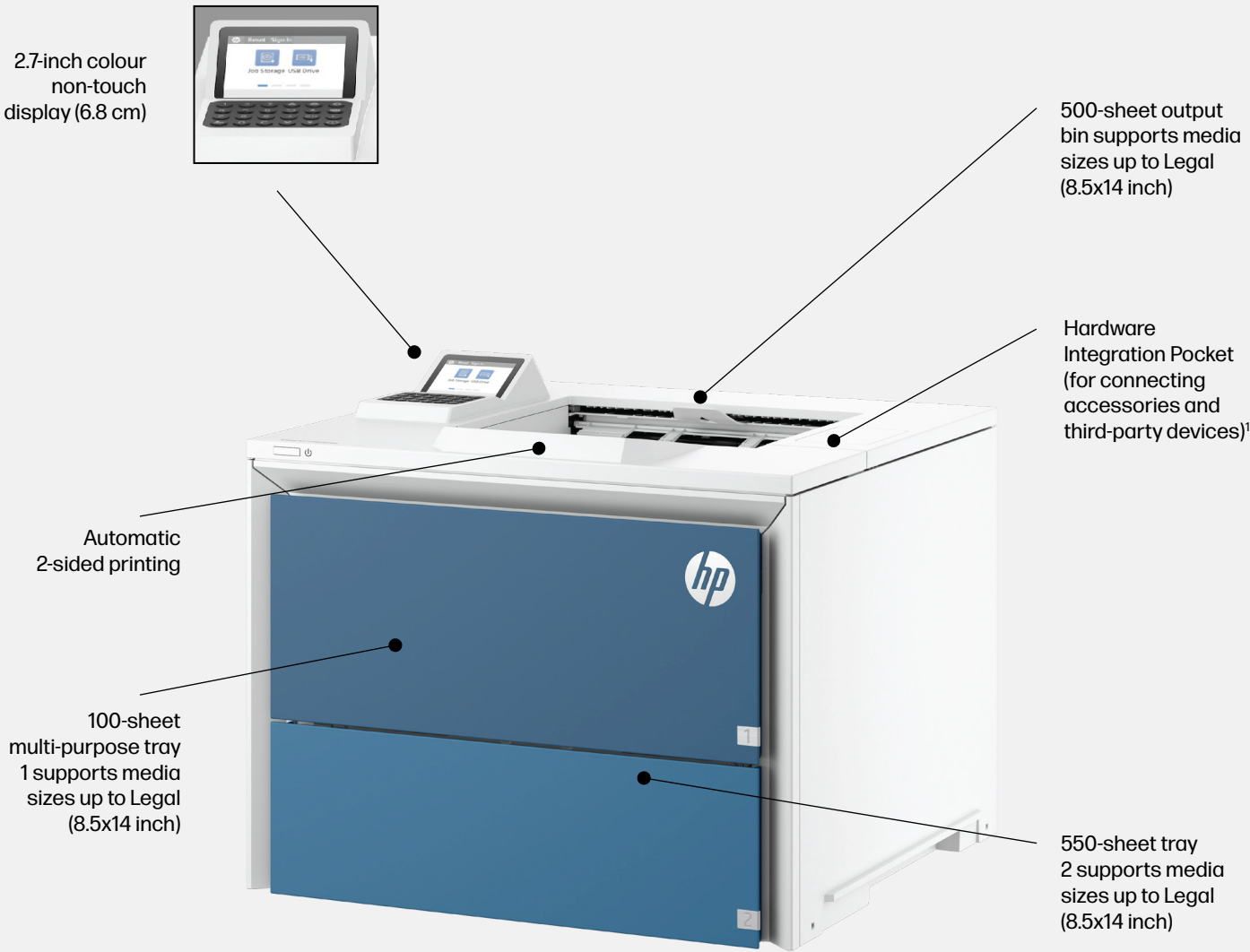
Rear hi-speed USB 2.0 host port

Rear hi-speed USB 2.0 device port

Product availability may differ per market; please contact your HP representative for availability information.



HP LaserJet Enterprise 6500dn walkaround



Gigabit Ethernet port

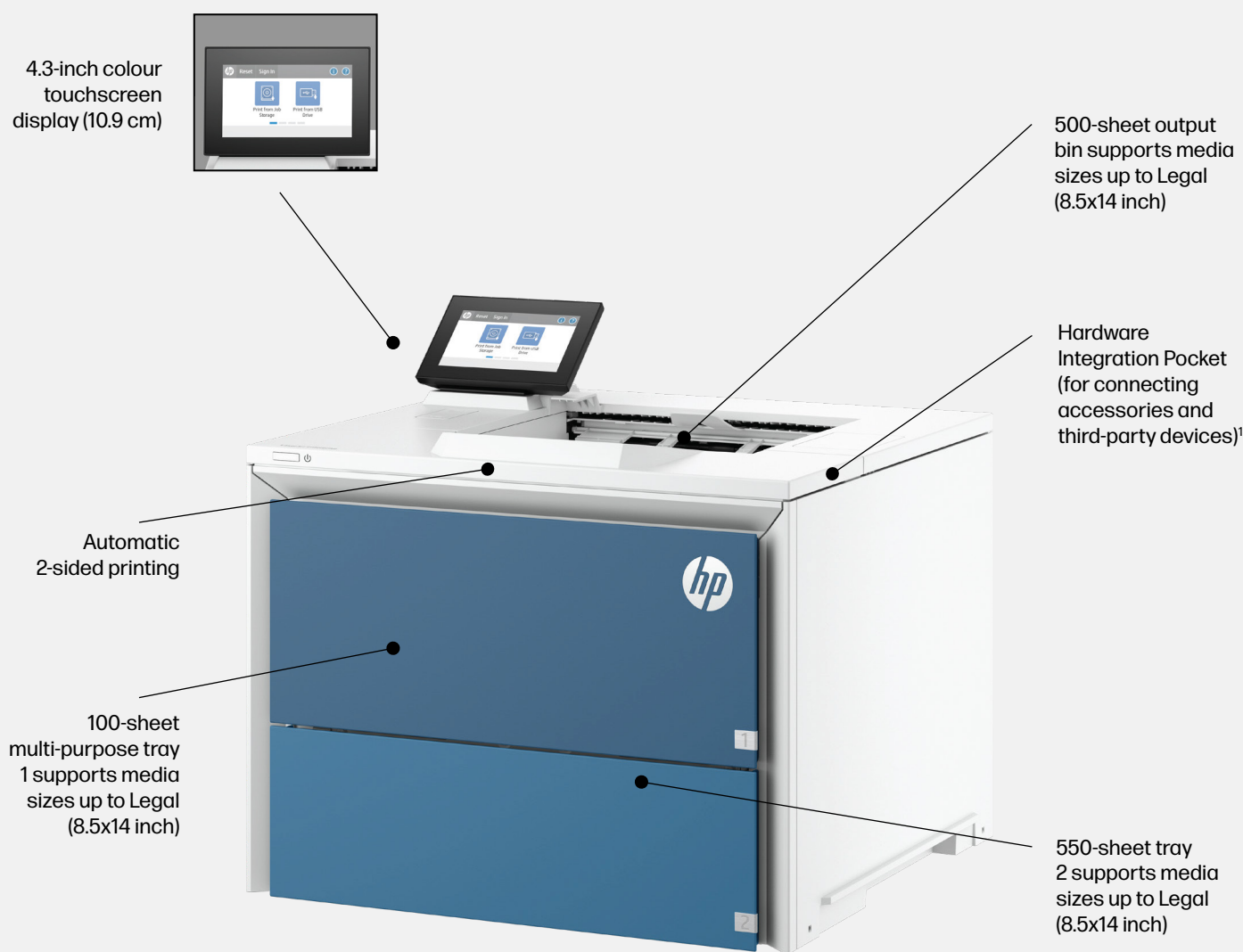
Rear hi-speed USB 2.0 host port

Rear hi-speed USB 2.0 device port

Product availability may differ per market; please contact your HP representative for availability information.



HP LaserJet Enterprise 6501dn walkaround



Gigabit
Ethernet port

Rear super-speed
USB 3.0 host port

Front hi-speed
USB 2.0 host port

Rear super-speed
USB 3.0 device port

Product availability may differ per market; please contact your HP representative for availability information.

HP LaserJet Enterprise 6500 series comparison



Model	HP LaserJet Enterprise 6500n	HP LaserJet Enterprise 6500dn	HP LaserJet Enterprise 6501dn
Product number	A29ZBA	A29ZCA	675T2A
Functions	Print	Print	Print
Print speed (up to) ²	57/55 ppm (Letter/A4)	57/55 ppm (Letter/A4)	57/55 ppm (Letter/A4)
Automatic 2-sided printing	No	Yes	Yes
Connectivity	USB, Ethernet	USB, Ethernet	USB, Ethernet
Walk-up USB	No	No	Yes
Control panel	2.7" non-touch	2.7" non-touch	4.3" colour touchscreen
Input capacity	650/2,850 (std/max)	650/2,850 (std/max)	650/2,850 (std/max)
Memory and storage*	2 GB RAM, 8 GB eMMC	2 GB RAM, 8 GB eMMC	4 GB RAM, 32 GB eMMC
RMPV ⁴	3,750 to 18,750	3,750 to 18,750	3,750 to 18,750
Workpath enabled	No	No	Yes
Extensibility	HP FutureSmart, ³ OXPd	HP FutureSmart, ³ OXPd	HP FutureSmart, ³ OXPd

Product walkarounds and series comparison footnotes:

1. Solutions deployed through the Hardware Integration Pocket (HIP) may require additional purchase.
2. 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.
3. 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.
4. HP recommends that the number of pages per month of imaged output be within a stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period; the lowest monthly volume shown is based on 60-month usage and the highest 12-month usage.

*Optional storage options are available depending on configuration. Please contact your HP representative for details. Product availability may differ per market; please contact your HP representative for availability information.

HP LaserJet Enterprise 6500n

technical specifications

Processor speed	Dual core (1.4 Ghz)			
Orderable supplies	HP LaserJet Transfer Roller Kit C35T5A; HP LaserJet Tray Roller Kit C35T6A			
Printer smart software features	Print preview, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs			
Power consumption description	760 watts (Printing), 7.5 watts (Ready), 0.93 watts (Sleep), 0.05 watts (Auto-Off), 0.05 watts (Off)			
Power supply	Type	Built-in 3-pin 115 V or 220 V internal power supply	Required	Input voltage: 100-127 V AC, 50-60 Hz, 9.7A; or Input voltage: 220-240 V AC, 50-60 Hz, 5.0A
What is in the box	HP LaserJet Enterprise Printer; HP Black Original LaserJet Toner Cartridge (~10,000 yield), Documentation (Hardware Install Guide); Power cord.			
Replacement cartridges	HP 160 Black Original LaserJet Toner Cartridge			
Supplies feature	HP TerraJet Cartridge			
Electromagnetic emission standard	CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class A/EN 55032:2015 Class A + A1:2020; CISPR 35:2016 (International)/EN 55035:2017 + A1:2020, EN IEC 61000-3-2:2019 + A1:2020, EN IEC 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.			
Safety approvals and requirements	IEC 62368-1:2014; EN 62368-1:2014 + A1:2017; IEC 62368-1:2018; EN 62368-1:2020 + A1:2020; EN 60825-1:2014 + A1:2021/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); UL62368-1 3rd Ed. 2021-10-22, CSA C22.2 No 62368-1-19, 3rd Ed.; Compliance with laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No 56, dated 8 May 2019; Other safety approvals as required by individual countries.			
ENERGY STAR® certified	Yes			
Ecolabels	CECP; IT ECO Declaration; Blue Angel; EPEAT® Gold India; EPEAT® Gold Australia; EPEAT® Gold Canada; EPEAT® Gold US; SEPA; KOECO; ENERGY STAR® certified; Korea MEPS; Vietnam MEPS			
Blue Angel compliance	Blue Angel DE-UZ 219 - only ensured when using Original HP supplies			
Sustainable impact specifications	Recyclable through HP Planet Partners; Contains at least 5% post-consumer recycled plastic			
Network capabilities	Via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); Wi-Fi 2.4/5 GHz wireless networking (optional); Second Ethernet port (optional).			

HP LaserJet Enterprise 6500n

technical specifications

Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud 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, stateful via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x			
Mobile printing capability	Apple AirPrint™; Mopria™ certified			
Package dimensions, metric	Metric	493 x 565 x 442 mm	Imperial	19.41 x 22.24 x 17.4 in
Max. dimensions, metric	Metric	400 x 725 x 340 mm (control panel fully upright, rear jam access door open, front cartridge door open, all feeders open and extended)	Imperial	15.7 x 28.5 x 13.4 in (control panel fully upright, rear jam access door open, front cartridge door open, all feeders open and extended)
Product dimensions, metric	Metric	400 x 400 x 340 mm	Imperial	15.7 x 15.7 x 13.4 in
Display description	400 x 400 x 340 mm			
Acoustic power emissions (active, printing)	6.8 B(A)			
Acoustic pressure emissions bystander (ready)	3.2 B(A)			
Operating humidity range	10 to 80% RH			
Operating humidity (recommended)	30 to 70% RH			
Operating temperature range	Celsius: 15 to 30°C		Fahrenheit: 59 to 86°F	
	Recommended Celsius: 17.5 to 25°C		Recommended Fahrenheit: 63.5 to 77°F	
Storage temperature range	Celsius: 20 to 40°C		Fahrenheit: 4 to 104°F	
Memory	2 GB			
Print resolution technologies	Normal (600x600 dpi with FastRes), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)			
Print speed	A4	55 ppm	Letter	57 ppm
First page out	Black (A4, ready), 3.9 seconds		Black (Letter, ready), 3.7 seconds	
Monthly duty cycle	A4	Up to 225,000 pages	Letter	Up to 225,000 pages
Recommended monthly page volume	Up to 3,750 to 18,750 pages			
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode fonts (Andale Mono WorldType); 2 internal Windows Vista 8 fonts (Calibri, Cambria); Additional font solutions available via third-party flash memory cards; HP LaserJet fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts			

HP LaserJet Enterprise 6500n

technical specifications

Hard disk	Standard, 8 GB eMMC
Print languages, standard	HP PCL 6, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Printer management	HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility – Driver Deployment Utility – Managed Printing Administrator)
Top key features	TerraJet cartridge
Target number of users and print volume	For teams over 25 users; Prints up to 18,750 pages/month
AIO functions	Print
Print technology	Laser
Paper handling optional/input	Optional: 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, 3 x 550-sheet feeder, envelope feeder kit
Paper handling standard/input	100-sheet multipurpose feeder, 550-sheet input feeder
Paper handling standard/output	500-sheet output feeder
Input capacity, max	Up to 2850 sheets
Product short name	6500n
Typical electricity consumption (TEC) number	0.528 kWh/week (Blue Angel); 0.621 kWh/week (ENERGY STAR 3.0)
Number of simultaneous users (local + network)	10–30 users
Security management	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 and 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; Sure Start 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
Mac compatible	Yes
Software included	No software solutions are included in the box, only at http://hp.com ;
Media types	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, coloured, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope

HP LaserJet Enterprise 6500n

technical specifications

Standard media sizes	Metric: Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K, postcards (JIS single and double), envelopes (B5, C5, C6, DL); Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional 550-sheet tray: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional automatic duplexer: A4, RA4, Oficio (216 x 340); Envelope feeder accessory: B5, C5, C6, DL	Imperial: Tray 1: Letter, Legal, Executive, Statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, Envelopes (No 9, No 10, Monarch); Tray 2: Letter, Legal, Executive, Statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: Letter, Legal, Executive, Statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional automatic duplexer: Letter, Legal, 8.5 x 13 in; Envelope feeder accessory: No 9, No 10, Monarch
Custom media sizes	Metric: Standard optional paper feeder: A4; A5; A6; RA4; B5 (JIS); B6 (JIS); Oficio (216 x 340); 16K; postcards (JIS double); 105 x 148 to 216 x 356 mm; Envelope feeder accessory: Envelopes; 98 x 162 to 178 x 254 mm	Imperial: Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.14 x 5.83 to 8.5 x 14 in; Optional 550-sheet tray: 4.14 x 5.83 to 8.5 x 14 in; Envelope feeder accessory: 3.86 x 6.38 to 7 x 10 in
Media size, Tray 1 (metric)	A4; A5; A6; RA4; B5 (JIS); B6 (JIS); 10 x 15 cm; Oficio (216 x 340); 16K; postcards (JIS single and double); envelopes (B5, C5, C6, DL); 76 x 127 to 216 x 356 mm	
Media weights supported, by paper path	Metric: Feeder 1: 60 to 200 g/m ² ; Feeder 2: 60 to 120 g/m ²	Imperial: Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); Feeder 2: 16 to 32 lb bond (plain)
Media weights supported, Tray 1 (metric)	60 to 200 g/m ²	
Key media sizes supported	Metric: A4; Envelopes; A5	Imperial: 4 x 6 in; Letter; Legal; Envelopes; 3 x 5 in
Control panel	2.7-in (6.86 cm) non-touch QVGA LCD (colour graphics) display with 24-key pad	
System requirements	Minimum – 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements, see microsoft.com	
Manufacturer warranty	One-year, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Contact your contractual vendor or go to hp.com/support to learn about HP award-winning service and support options in your region. (warranty code 4G; warranty ID A001)	
Weight, metric	Metric: 26.5 kg	
Package weight	Metric: 39 kg	

HP LaserJet Enterprise 6500dn

technical specifications

Processor speed	Dual core (1.4 Ghz)			
Orderable supplies	HP LaserJet Transfer Roller Kit C35T5A; HP LaserJet Tray Roller Kit C35T6A			
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs			
Power consumption description	760 watts (Printing), 7.5 watts (Ready), 0.93 watts (Sleep), 0.05 watts (Auto-Off), 0.05 watts (Off)			
Power supply	Type	Built-in 3-pin 115 V or 220 V internal power supply	Required	Input voltage: 100-127 V AC, 50-60 Hz, 9.7A; or Input voltage: 220-240 V AC, 50-60 Hz, 5.0A
What is in the box	HP LaserJet Enterprise PRINTER; HP Original LaserJet Toner Cartridge (~10k page yield); Documentation (Hardware Install Guide, regulatory flyer); Power cord			
Replacement cartridges	HP 160 Black Original LaserJet Toner Cartridge			
Supplies feature	HP TerraJet Cartridge			
Electromagnetic emission standard	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 + A11:2020, EN IEC 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.			
Safety approvals and requirements	IEC 62368-1:2014; EN 62368-1:2014 + A11:2017; IEC 62368-1:2018; EN 62368-1:2020 + A11:2020; EN 60825-1:2014 + A11:2021/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); UL62368-1 3rd Ed. 2021-10-22, CSA C22.2 No 62368-1-19, 3rd Ed.; Compliance with laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No 56, dated 8 May 2019; Other safety approvals as required by individual countries.			
ENERGY STAR® certified	Yes			
Ecolabels	CECP; IT ECO Declaration; Blue Angel; EPEAT® Gold India; EPEAT® Gold Australia; EPEAT® Gold Canada; EPEAT® Gold US; SEPA; KOECO; ENERGY STAR® certified; Korea MEPS; Vietnam MEPS			
Blue Angel compliance	Blue Angel DE-UZ 219 - only ensured when using Original HP supplies			
Sustainable impact specifications	Recyclable through HP Planet Partners; Contains at least 5% post-consumer recycled plastic			
Network capabilities	Via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); Wi-Fi 2.4/5 GHz wireless networking (optional); Second Ethernet port (optional).			

HP LaserJet Enterprise 6500dn

technical specifications

Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud 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, stateful via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x			
Mobile printing capability	Apple AirPrint™; Mopria™ certified			
Package dimensions, metric	Metric	493 x 565 x 442 mm	Imperial	19.41 x 22.24 x 17.4 in
Max. dimensions, metric	Metric	400 x 725 x 340 mm (control panel fully upright, rear jam access door open, front cartridge door open, all feeders open and extended)	Imperial	15.7 x 28.5 x 13.4 in (control panel fully upright, rear jam access door open, front cartridge door open, all feeders open and extended)
Product dimensions, metric	Metric	400 x 400 x 340 mm	Imperial	15.7 x 15.7 x 13.4 in
Display description	400 x 400 x 340 mm			
Acoustic power emissions (active, printing)	6.8 B(A)			
Acoustic pressure emissions bystander (ready)	3.2 B(A)			
Operating humidity range	10 to 80% RH			
Operating humidity (recommended)	30 to 70% RH			
Operating temperature range	Celsius: 15 to 30°C		Fahrenheit: 59 to 86°F	
	Recommended Celsius: 17.5 to 25°C		Recommended Fahrenheit: 63.5 to 77°F	
Storage temperature range	Celsius: 20 to 40°C		Fahrenheit: 4 to 104°F	
Memory	2 GB			
Print resolution technologies	Normal (600x600 dpi with FastRes), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)			
Print speed	A4	55 ppm	Letter	57 ppm
First page out	Black (A4, ready), 3.9 seconds		Black (Letter, ready), 3.7 seconds	
Monthly duty cycle	A4	Up to 225,000 pages	Letter	Up to 225,000 pages
Recommended monthly page volume	Up to 3,750 to 18,750 pages			
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode fonts (Andale Mono WorldType); 2 internal Windows Vista 8 fonts (Calibri, Cambria); Additional font solutions available via third-party flash memory cards; HP LaserJet fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts			

HP LaserJet Enterprise 6500dn

technical specifications

Hard disk	Standard, 8 GB eMMC
Print languages, standard	HP PCL 6, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Printer management	HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator)
Top key features	Two-sided printing; TerraJet cartridge
Target number of users and print volume	For teams over 25 users; Prints up to 18,750 pages/month
AIO functions	Print
Duplex print options	Automatic (standard)
Print technology	Laser
Paper handling optional/input	Optional: 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, 3 x 550-sheet feeder, envelope feeder kit
Paper handling standard/input	100-sheet multipurpose feeder, 550-sheet input feeder
Paper handling standard/output	500-sheet output feeder
Input capacity, max	Up to 2850 sheets
Product short name	6500dn
Typical electricity consumption (TEC) number	0.528 kWh/week (Blue Angel); 0.621 kWh/week (ENERGY STAR 3.0)
Number of simultaneous users (local + network)	10-30 users
Security management	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 and 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; Sure Start 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
Mac compatible	Yes
Software included	No software solutions are included in the box, only at http://hp.com ;
Media types	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, coloured, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope

HP LaserJet Enterprise 6500dn

technical specifications

Standard media sizes	Metric: Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K, postcards (JIS single and double), envelopes (B5, C5, C6, DL); Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional 550-sheet tray: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional automatic duplexer: A4, RA4, Oficio (216 x 340); Envelope feeder accessory: B5, C5, C6, DL	Imperial: Tray 1: Letter, Legal, Executive, Statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, Envelopes (No 9, No 10, Monarch); Tray 2: Letter, Legal, Executive, Statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: Letter, Legal, Executive, Statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional automatic duplexer: Letter, Legal, 8.5 x 13 in; Envelope feeder accessory: No 9, No 10, Monarch
Custom media sizes	Metric: Standard optional paper feeder: A4; A5; A6; RA4; B5 (JIS); B6 (JIS); Oficio (216 x 340); 16K; postcards (JIS double); 105 x 148 to 216 x 356 mm; Envelope feeder accessory: Envelopes; 98 x 162 to 178 x 254 mm	Imperial: Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.14 x 5.83 to 8.5 x 14 in; Optional 550-sheet tray: 4.14 x 5.83 to 8.5 x 14 in; Envelope feeder accessory: 3.86 x 6.38 to 7 x 10 in
Media size, Tray 1 (metric)	A4; A5; A6; RA4; B5 (JIS); B6 (JIS); 10 x 15 cm; Oficio (216 x 340); 16K; postcards (JIS single and double); envelopes (B5, C5, C6, DL); 76 x 127 to 216 x 356 mm	
Media weights supported, by paper path	Metric: Feeder 1: 60 to 200 g/m ² ; Feeder 2: 60 to 120 g/m ² ; Automatic duplexer: 60 to 120 g/m ²	Imperial: Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); Feeder 2: 16 to 32 lb bond (plain); Automatic duplexer: 16 to 32 lb
Media weights supported, Tray 1 (metric)	60 to 200 g/m ²	
Key media sizes supported	Metric: A4; Envelopes; A5	Imperial: 4 x 6 in; Letter; Legal; Envelopes; 3 x 5 in
Control panel	2.7-in (6.86 cm) non-touch QVGA LCD (colour graphics) display with 24-key pad	
System requirements	Minimum – 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements, see microsoft.com	
Manufacturer warranty	One-year, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Contact your contractual vendor or go to hp.com/support to learn about HP award-winning service and support options in your region. (warranty code 4G; warranty ID A001)	
Weight, metric	Metric: 26.5 kg	
Package weight	Metric: 39 kg	

HP LaserJet Enterprise 6501dn

technical specifications

Processor speed	Dual core (1.4 Ghz)			
Orderable supplies	HP LaserJet Transfer Roller Kit C35T5A; HP LaserJet Tray Roller Kit C35T6A			
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, easy-access USB			
Power consumption description	760 watts (Printing), 7.5 watts (Ready), 0.93 watts (Sleep), 0.05 watts (Auto-Off), 0.05 watts (Off)			
Power supply	Type	Built-in 3-pin 115 V or 220 V internal power supply	Required	Input voltage: 100-127 V AC, 50-60 Hz, 9.7A; or Input voltage: 220-240 V AC, 50-60 Hz, 5.0A
What is in the box	HP LaserJet Enterprise PRINTER; HP Original LaserJet Toner Cartridge (~10k page yield); Documentation (Hardware Install Guide, regulatory flyer); Power cord			
Replacement cartridges	HP 160 Black Original LaserJet Toner Cartridge			
Supplies feature	HP TerraJet Cartridge			
Electromagnetic emission standard	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 + A11:2020, EN IEC 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.			
Safety approvals and requirements	IEC 62368-1:2014; EN 62368-1:2014 + A11:2017; IEC 62368-1:2018; EN 62368-1:2020 + A11:2020; EN 60825-1:2014 + A11:2021/IEC 60825-1:2014 (Class 1 Laser Product); EN 62479:2010/IEC 62479:2010; Low Voltage Directive 2014/35/EU with CE Mark (Europe); GS Certificate (Germany, Europe); UL/cUL Listed and UC CoC (US/Canada); UL62368-1 3rd Ed. 2021-10-22, CSA C22.2 No 62368-1-19, 3rd Ed.; Compliance with laser safety standards 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No 56, dated 8 May 2019; Other safety approvals as required by individual countries.			
ENERGY STAR® certified	Yes			
Ecolabels	CECP; IT ECO Declaration; Blue Angel; EPEAT® Gold India; EPEAT® Gold Australia; EPEAT® Gold Canada; EPEAT® Gold US; SEPA; KOECO; ENERGY STAR® certified; Korea MEPS; Vietnam MEPS			
Blue Angel compliance	Blue Angel DE-UZ 219 - only ensured when using Original HP supplies			
Sustainable impact specifications	Recyclable through HP Planet Partners; Contains at least 5% post-consumer recycled plastic			
Network capabilities	Via HP Jetdirect Ethernet embedded print server (standard) which supports: 10Base-T, 100Base-Tx, 1000Base-T; 802.3az (EEE) support on Fast Ethernet and Gig Links; IPsec (standard); Wi-Fi 2.4/5 GHz wireless networking (optional); Second Ethernet port (optional).			

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Supported network protocols	Via built-in networking solution: TCP/IP, IPv4, IPv6; Print: TCP-IP port 9100 Direct Mode, LPD (raw queue support only), Web Services Printing, IPP 2.0, Apple AirPrint™, HP ePrint, FTP Print, Google Cloud 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, stateful via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x			
Mobile printing capability	Apple AirPrint™; Mopria™ certified			
Package dimensions, metric	Metric	493 x 565 x 442 mm	Imperial	19.41 x 22.24 x 17.4 in
Max. dimensions, metric	Metric	400 x 725 x 340 mm (control panel fully upright, rear jam access door open, front cartridge door open, all feeders open and extended)	Imperial	15.7 x 28.5 x 13.4 in (control panel fully upright, rear jam access door open, front cartridge door open, all feeders open and extended)
Product dimensions, metric	Metric	400 x 400 x 340 mm	Imperial	15.7 x 15.7 x 13.4 in
Display description	400 x 400 x 340 mm			
Acoustic power emissions (active, printing)	6.8 B(A)			
Acoustic pressure emissions bystander (ready)	3.2 B(A)			
Operating humidity range	10 to 80% RH			
Operating humidity (recommended)	30 to 70% RH			
Operating temperature range	Celsius: 15 to 30°C		Fahrenheit: 59 to 86°F	
	Recommended Celcius: 17.5 to 25°C		Recommended Farenheit: 63.5 to 77°F	
Storage temperature range	Celsius: 20 to 40°C		Fahrenheit: 4 to 104°F	
Memory	4 GB			
Print resolution technologies	Normal (600x600 dpi with FastRes), Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)			
Print speed	A4	55 ppm	Letter	57 ppm
First page out	Black (A4, ready), 3.9 seconds		Black (Letter, ready), 3.7 seconds	
Monthly duty cycle	A4	Up to 225,000 pages	Letter	Up to 225,000 pages
Recommended monthly page volume	18,750			
Fonts and typefaces	105 internal TrueType fonts scalable in HP PCL, 92 internal scalable fonts in HP postscript level 3 emulation (Euro symbol built-in); 1 internal Unicode fonts (Andale Mono WorldType); 2 internal Windows Vista 8 fonts (Calibri, Cambria); Additional font solutions available via third-party flash memory cards; HP LaserJet fonts and IPDS Emulation available at http://www.hp.com/go/laserjetfonts			

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Hard disk	Standard, 32 GB eMMC
Print languages, standard	HP PCL 6, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Printer management	HP Printer Assistant, HP Device Toolbox, HP Web JetAdmin Software, HP JetAdvantage Security Manager, HP SNMP Proxy Agent, HP WS Pro Proxy Agent, Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility – Driver Deployment Utility – Managed Printing Administrator)
Top key features	Two-sided printing; TerraJet cartridge; Front USB flash drive port
Target number of users and print volume	For teams over 25 users; Prints up to 18,750 pages/month
AIO functions	Print
Duplex print options	Automatic (standard)
Print technology	Laser
Paper handling optional/input	Optional: 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, 3 x 550-sheet feeder, envelope feeder kit
Paper handling standard/input	100-sheet multipurpose feeder, 550-sheet input feeder
Paper handling standard/output	500-sheet output feeder
Input capacity, max	Up to 2850 sheets
Product short name	6501dn
Typical electricity consumption (TEC) number	0.528 kWh/week (Blue Angel); 0.621 kWh/week (ENERGY STAR 3.0)
Number of simultaneous users (local + network)	10–30 users
Security management	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 and 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; Sure Start 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
Mac compatible	Yes
Software included	No software solutions are included in the box, only at http://hp.com ;
Media types	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, coloured, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope

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technical specifications

Standard media sizes	Metric: Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K, postcards (JIS single and double), envelopes (B5, C5, C6, DL); Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional 550-sheet tray: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), Oficio (216 x 340), 16K, postcards (JIS double); Optional automatic duplexer: A4, RA4, Oficio (216 x 340); Envelope feeder accessory: B5, C5, C6, DL	Imperial: Tray 1: Letter, Legal, Executive, Statement, 3 x 5 in, 4 x 6 in, 5 x 7 in, 5 x 8 in, 8.5 x 13 in, Envelopes (No 9, No 10, Monarch); Tray 2: Letter, Legal, Executive, Statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional 550-sheet tray: Letter, Legal, Executive, Statement, 5 x 7 in, 5 x 8 in, 8.5 x 13 in; Optional automatic duplexer: Letter, Legal, 8.5 x 13 in; Envelope feeder accessory: No 9, No 10, Monarch
Custom media sizes	Metric: Standard optional paper feeder: A4; A5; A6; RA4; B5 (JIS); B6 (JIS); Oficio (216 x 340); 16K; postcards (JIS double); 105 x 148 to 216 x 356 mm; Envelope feeder accessory: Envelopes; 98 x 162 to 178 x 254 mm	Imperial: Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2: 4.14 x 5.83 to 8.5 x 14 in; Optional 550-sheet tray: 4.14 x 5.83 to 8.5 x 14 in; Envelope feeder accessory: 3.86 x 6.38 to 7 x 10 in
Media size, Tray 1 (metric)	A4; A5; A6; RA4; B5 (JIS); B6 (JIS); 10 x 15 cm; Oficio (216 x 340); 16K; postcards (JIS single and double); envelopes (B5, C5, C6, DL); 76 x 127 to 216 x 356 mm	
Media weights supported, by paper path	Metric: Feeder 1: 60 to 200 g/m ² ; Feeder 2: 60 to 120 g/m ² ; Automatic duplexer: 60 to 120 g/m ²	Imperial: Feeder 1: 16 to 53 lb bond (plain), 16 to 24 lb (envelopes); Feeder 2: 16 to 32 lb bond (plain); Automatic duplexer: 16 to 32 lb
Media weights supported, Tray 1 (metric)	60 to 200 g/m ²	
Key media sizes supported	Metric: A4; Envelopes; A5	Imperial: 4 x 6 in; Letter; Legal; Envelopes; 3 x 5 in
Control panel	4.3" display (Touch)	
System requirements	Minimum – 2 GB available hard disk space, Internet connection, USB port, Internet browser. For additional OS hardware requirements, see microsoft.com	
Manufacturer warranty	One-year, onsite warranty. Warranty and support options vary by product, country and local legal requirements. Contact your contractual vendor or go to hp.com/support to learn about HP award-winning service and support options in your region. (warranty code 4G; warranty ID A001)	
Weight, metric	Metric: 26.5 kg	
Package weight	Metric: 39 kg	

6500 series accessories

Accessory description	Accessory SKU#
HP MFP Analogue Fax 702 Accessory	1M0Q0A
HP LaserJet Workflow Keyboard	1M0Q2A
HP LaserJet Workflow Accelerator Card	1M0Q5A
HP Accessibility Kit	2TD64A
HP Printing Voice Assistant	478C2A
Internal USB Expansion Kit	4XN67A
HP LaserJet 550-sheet Paper Tray	6C7M6A
HP LaserJet X62757 Constellation Yellow Colour Panel Kit	6W676A
HP LaserJet X62757 Cosmic Green Colour Panel Kit	6W677A
HP LaserJet X62757 Aurora Purple Colour Panel Kit	6W678A
HP LaserJet X62757 Comet Red Colour Panel Kit	6W679A
HP LaserJet X62757 Lunar Grey Colour Panel Kit	6W680A
HP 550 Sheet Paper Tray Constellation Yellow Panel Kit	6W681A
HP 550 Sheet Paper Tray Cosmic Green Panel Kit	6W682A
HP 550 Sheet Paper Tray Aurora Purple Panel Kit	6W683A
HP 550 Sheet Paper Tray Comet Red Panel Kit	6W684A
HP 550 Sheet Paper Tray Lunar Grey Panel Kit	6W685A
HP Storage Stand Constellation Yellow Panel Kit	6W686A
HP Storage Stand Cosmic Green Panel Kit	6W687A
HP Storage Stand Aurora Purple Panel Kit	6W688A
HP Storage Stand Comet Red Panel Kit	6W689A
HP Storage Stand Lunar Grey Panel Kit	6W690A
HP LaserJet 512 GB SED-TAA Solid State Drive	766R7A
HP Jetdirect LAN Accessory	8FP31A
HP JetDirect 3200w Wi-Fi 6 Bluetooth Wireless Accessory	9R1U0A
HP LaserJet 3x550 Sheet Paper Tray with Stand	B01KLA
HP LaserJet Lunar Grey 3x550 Sheet Paper Tray with Stand	B01KMA
HP LaserJet Comet Red 3x550 Sheet Paper Tray with Stand	B01KNA
HP LaserJet Cosmic Green 3x550 Sheet Paper Tray with Stand	B01KPA
HP LaserJet Aurora Purple 3x550 Sheet Paper Tray with Stand	B01KQA
HP LaserJet Constellation Yellow 3x550 Sheet Paper Tray with Stand	B01KRA
HP LaserJet Envelope Feeder Kit	B01KSA
HP LaserJet 550 Sheet Paper Tray with Storage Stand	B01KTA
HP LaserJet Lunar Grey 550 Sheet Paper Tray with Storage Stand	B01KVA
HP LaserJet Comet Red 550 Sheet Paper Tray Storage Stand	B01KWA



Accessory description	Accessory SKU#
HP LaserJet Cosmic Green 550 Sheet Paper Tray with Storage Stand	B01KXA
HP LaserJet Aurora Purple 550 Sheet Paper Tray with Storage Stand	B01KYA
HP LaserJet Constellation Yellow 550 Sheet Paper Tray with Storage Stand	B01KZA
HP LaserJet 512 GB 2.5 inch SATA CCC/FIPS/TAA Solid State Drive	B18J0A
HP LaserJet 512 GB M.2 2280 NVMe CCC/FIPS/TAA Solid State Drive	B18J1A
HP Foreign Interface Harness	B5L31A
HP LaserJet 550 Sheet Paper Constellation Yellow Tray	B8GR1A
HP LaserJet 550 Sheet Paper Cosmic Green Tray	B8GR2A
HP LaserJet 550 sheet Paper Aurora Purple Tray	B8GR3A
HP LaserJet 550 Sheet Paper Lunar Grey Tray	B8GR4A
HP LaserJet 550 Sheet Paper Comet Red Tray	B8GR5A
AE HP Editable OCR A4	BK5S6A
HP SmartCard NIPRNet Solution for US Government	CC543B
HP SmartCard SIPRNet Solution for US Government	F8B30A
HP Staple Cartridge Refill	J8J96A
HP Staple Cartridge Pack	Q7432A
HP LaserJet Inner/Booklet Staples	Y1G13A
HP LaserJet X52952 Constellation Yellow Colour Panel Kit	A59CVA
HP LaserJet X52952 Cosmic Green Colour Panel Kit	A59CWA
HP LaserJet X52952 Aurora Purple Colour Panel Kit	A59CXA
HP LaserJet X52952 Comet Red Colour Panel Kit	A59CYA
HP LaserJet X52952 Lunar Grey Colour Panel Kit	A59CZA
HP LaserJet X53052 Constellation Yellow Colour Panel Kit	6W666A
HP LaserJet X53052 Cosmic Green Colour Panel Kit	6W667A
HP LaserJet X53052 Aurora Purple Colour Panel Kit	6W668A
HP LaserJet X53052 Comet Red Colour Panel Kit	6W669A
HP LaserJet X53052 Lunar Grey Colour Panel Kit	6W670A
HP LaserJet X50352/X50452 Constellation Yellow Colour Panel Kit	6W661A
HP LaserJet X50352/X50452 Cosmic Green Colour Panel Kit	6W662A
HP LaserJet X50352/X50452 Aurora Purple Colour Panel Kit	6W663A
HP LaserJet X50352/X50452 Comet Red Colour Panel Kit	6W664A
HP LaserJet X50352/X50452 Lunar Grey Colour Panel Kit	6W665A
HP LaserJet X60257/X60357 Constellation Yellow Colour Panel Kit	6W671A
HP LaserJet X60257/X60357 Cosmic Green Colour Panel Kit	6W672A
HP LaserJet X60257/X60357 Aurora Purple Colour Panel Kit	6W673A
HP LaserJet X60257/X60357 Comet Red Colour Panel Kit	6W674A
HP LaserJet X60257/X60357 Lunar Grey Colour Panel Kit	6W675A

*Available only for 6501dn

Configuration

HP LaserJet Enterprise 6501dn shown



550-sheet paper tray

- Up to 550 sheets
- Media up to Legal (8.5 x 14 in)
- Media weight: 60 to 120 gsm



HP LaserJet 550 Sheet Paper Tray with Storage Stand

- Up to 550 sheets
- Media up to Legal (8.5 x 14 in)
- Media weight: 60 to 120 gsm



HP LaserJet 3x550 Sheet Paper Tray with Stand

- Up to 1650 sheets
- Media sizes: A4, Letter, Legal
- Media weight: 60 to 120 gsm



HP LaserJet Envelope Feeder Kit
(if tray 3 is available)

Paper handling accessories

Stand and input devices



Product number	6C7M6A	B01KLA	B01KTA	B01KSA
Product description	HP LaserJet 550-Sheet Paper Tray	HP LaserJet 3x550 Sheet Paper Tray with Stand	HP LaserJet 550 Sheet Paper Tray with Storage Stand	HP LaserJet Envelope Feeder Kit
Configurations	Available as optional accessory			
Stacking Configurations	Desktop configuration • 2 trays max Floor-standing configuration • varies	Floor-standing configuration Max of 1 additional 1 x 550-sheet paper tray allowed	Floor-standing configuration Max of 2 additional 1 x 550-sheet paper trays allowed	If tray 3 is available

Footnotes

HP's most advanced embedded security features are available on HP Managed and Enterprise devices with HP FutureSmart firmware 4.5 or above. Claim based on HP review of published features as of June 2025 of competitive in-class printers. Only HP offers a combination of security features to automatically detect, isolate, stop and recover from attacks with a self-healing reboot, in alignment with NIST SP 800-193 guidelines for device cyber resiliency. Printers are most vulnerable to attack when they are booting up and during runtime (when the printer is in sleep mode and in use). Only HP Enterprise printers protect the device during 100% of the printer's life with Sure Start BIOS protection, Memory Shield with hardware-based Runtime Intrusion Detection and Control Flow Integrity to detect and recover from zero-day threats in addition to Connection Inspector network behavioural anomaly detection, all with self-healing recovery. For a list of compatible products, visit hp.com/go/PrintersThatProtect For more information, visit hp.com/go/PrinterSecurityClaims.

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