



HP LaserJet Enterprise 6500dn (A29ZCA)

Overview



The ultimate A4 enterprise printer for large teams

Simplify document workflows with blazing-fast speeds and customizable features. Seamlessly integrates with your existing fleet, scales for the future, and delivers industry-leading security to safeguard your data.

Get the power to be more productive

Save time with fast printer wake-up and print speeds up to 57 ppm to power through your tasks.[2]

Protect what matters with the most secure printer[1]

Keep your work protected—HP Wolf silently detects and repairs your printer from cyberattacks.[1]

Simplify work with automated workflows

Wherever you are in your digital transformation, find the perfect fit—on-premises or cloud, tailored to you.

Save energy and help reduce waste

Reduce costs and environmental impact with printers and toner cartridges that use less energy.[7]

Features



Save time and deliver print projects quickly with speeds up to 57 ppm.[2]



Easily connect your printer via reliable Ethernet or Hi-Speed USB.



Protect your network with quantum-resistant security against cyberthreats.[6]



HP Security Manager enforces policies and monitors your fleet.[4]



Keep your business ahead—this printer evolves with updates and new features.[3]



Easily deploy and integrate HP and third-party solutions with OXPd.

[1] 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 behavioral 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.

[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.

[7] Energy reduction in HP LaserJet Enterprise 6500-6501 and 6600 with HP Original 160 TerraJet Toner Cartridges compared to predecessor HP LaserJet Enterprise M610 and M634 with HP Original 147 Toner Cartridges. Calculated in 2026 based on normalized Energy Star® Typical Electricity Consumption (TEC) data. See hp.com/TerraJet/energysaving for more information.

Specifications

Print Resolution Technologies	Normal (600 x 600 dpi with FastRes), Fine Lines (1200 x 1200 dpi), Quickview (300 x 300 dpi)
Print quality black (best)	Up to 1200 x 1200 dpi
Print speed black (ISO, A4)	Up to 55 ppm
Print speed black (ISO, letter)	Up to 57 ppm
Print speed	Print speed up to 57 ppm (black)
Bottom margin (A4)	4.23 mm
Left margin (A4)	4.23 mm
Right margin (A4)	4.23 mm
Top margin (A4)	4.23 mm
Duplex printing	Automatic
Duty cycle (monthly, A4)	Up to 225,000 pages
Duty cycle (monthly, letter)	Up to 225,000 pages ^[7]
Printer smart software features	Print preview, duplex printing, print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs
Energy savings feature technology	HP Auto-Off Technology; Instant-on Technology; Low-power sleep mode; Power save; TerraJet Toner
Replacement cartridges	HP 160A Black Original LaserJet Toner Cartridge (10,500 pages) W1600A; HP 160Y Black Original LaserJet Toner Cartridge (~38,000 pages) W1600Y. [12]
Supplies feature	HP TerraJet Cartridge
Connectivity, standard	1 Gigabit Ethernet 10/100/1000 Base-T network; 1 Hardware Integration Pocket 2nd generation (HIP2); 1 Hi-Speed USB 2.0 (device); 1 Hi-Speed USB 2.0 (host)
Connectivity, optional	HP Jetdirect 3200w WiFi 6 Bluetooth Wireless Accessory 9R1U0A; HP Jetdirect LAN Accessory 8FP31A
Network capabilities	Yes, 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); WiFi 2.4/5 GHz wireless networking (optional); Second Ethernet port (optional); Microsoft Universal Print (MUP) support
Wireless capability	Optional, with wireless hardware accessory. Dual band Wireless Station and Wi-Fi Direct functionality available with HP Jetdirect 3200w WiFi 6 Bluetooth Wireless Accessory 9R1U0A.
Mobile printing capability	Apple AirPrint™; Mopria™ certified

Network protocols, supported	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, Statefull via DHCPv6); Management: SNMPv2/v3, HTTP/HTTPS, Telnet, TFTP Config, FTP FW Download, Syslog; Security: SNMPv3, SSL Cert Management, Firewall, ACL, 802.1x
Software included	No software solutions are included in the Box only on http://support.hp.com
Compatible Operating Systems	Windows 11 (64-bit and ARM64); Windows 10 (32-bit, 64-bit and ARM64); Android; iOS; macOS 14 Sonoma; macOS 15 Sequoia; macOS Tahoe v26; Linux: Debian 10; Linux: Debian 11; Linux: Elementary 6P; Linux: Fedora 31; Linux: Fedora 32; Linux: Fedora 33; Linux: Fedora 34; Linux: Fedora 35; Linux: Linuxmint 20.1; Linux: Linuxmint 20.2; Linux: Manjorolinux 20.2; Linux: Manjorolinux 21.0.7; Linux: Mxlinux 21; Linux: OpenSuse 15.1; Linux: OpenSuse 15.2; Linux: OpenSuse 15.3; Linux: Rhel 6; Linux: Rhel 7; Linux: Rhel 8; Linux: Ubuntu 20.04; Linux: Ubuntu 20.10; Linux: Ubuntu 21.04; Linux: Ubuntu 21.10; Linux: Zorin 15; Linux: Zorin 16; Chrome OS ^[14] <i>([14] Citrix Server versions updates release every quarter, for updates see https://www.citrix.com/en-in/downloads/citrix-virtual-apps-and-desktops/; Citrix XenApp & XenDesktop versions updates release every quarter, for updates see https://www.citrix.com/en-in/downloads/citrix-virtual-apps-and-desktops/; Citrix Ready Kit Certification - see http://citrixready.citrix.com for the latest qualification for HP Printers;)</i>
Technical features	Compact size; Network printing; ENERGY STAR®; Fast first page out; HP Auto-on/Auto-off; TerraJet Toner; Ethernet
Sustainability specifications	Recyclable through HP Planet Partners; Contains at least 5% post-consumer recycled plastic
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 compliant	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Display area (imperial)	2.13 x 1.59 in
Display area (metric)	54 x 40.5 mm
Display	2.7-in (6.86 cm) Non-touch QVGA LCD (color graphics) display
Dimensions (W x D x H)	400 x 400 x 340 mm
Dimensions (W x D x H)	15.7 x 15.7 x 13.4 in
Weight	~12.8 kg ^[3] <i>([3] With print cartridges)</i>
Weight	~28.2 lb <i>([3] With print cartridges)</i>
Power consumption	760 watts (Printing), 7.5 watts (Ready), 0.93 watts (Sleep), 0.05 watts (Auto-Off), 0.05 watts (Off) ^[9] <i>([9] Power consumption values based on measurement of 115V device. 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.)</i>

Power supply type

Built-in 3-Pin 115V or 220V Internal Power Supply

What's in the box

HP LaserJet Enterprise 6500dn Printer; HP Black Original LaserJet Toner Cartridge (~10K yield); Documentation (Hardware Install Guide, Regulatory Flyer); Power cord.

Manufacturer Warranty

One-year, onsite warranty service. Warranty and support options vary by product, country and local legal requirements. Go to hp.com/support to learn about HP award winning service and support options in your region. (warranty code 4G; warranty ID A001)

Additional specifications

Acoustic power emissions (active, printing)	6.8 B(A)
Acoustic power emissions (ready)	3.2 B(A)
Acoustic power note	[1] Acoustic values are subject to change. For current information see http://www.hp.com/support . Noise measured during printing mono simplex A4 at 56 ppm.
Acoustic pressure emissions bystander (active, printing)	56 dB(A)
Acoustic pressure emissions bystander (ready)	Inaudible
Additional information about HP	http://www.hp.com
Additional information about HP in the countries	hp.com
Automatic paper sensor	No
Blue Angel footnote	[11] 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.
Cable included	No, please purchase (USB) cable separately
Capacity	8 GB eMMC
Cartons per layer	4
Certifications and compliances	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.
Color or black	Black and white
Compatible Network Operating Systems	Windows Server 2016 64-bit; Windows Server 2019 64-bit; Windows Server 2022 64-bit; Windows Server 2025 64-bit; Citrix; SAP
Consumables CO2e (kg)	36
Control panel	2.7-in (6.86 cm) Non-touch QVGA LCD (color graphics) display with 24-key pad
Count of layers in pallet	5
Datasheet photo 1	A29ZCA_Coasters_Magic_6500dn.png
Datasheet photo 4	Publication photos/Walkaround_Magic_T_6500dn.png

Downloadable software	[13] Product Documentation and Support; HP Mac OS Print Driver; HP Easy Admin ; HP Universal Fax Driver; HP Universal Scan Solution; Printer Administrator Resource Kit (Driver Configuration; HP Universal Print Drivers PCL6 GDI & PS GDI for Windows; SAP Print Drivers for more information; HP JetAdvantage Security Manager; HP Command Center; Chrome Extension; Available on https://support.hp.com unless noted; HP Insights (WXP); HP WebJetAdmin; HP Workpath HPLIP Linux Printer Driver for more information see http://hplipopensource.com/hplip-web/index.html ; HPX;
Driver updates	Current HP printer drivers and software can be obtained from the HP Customer Care Web site: Go to http://www.hp.com/support
Duty cycle note	[7] Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.
Dynamic security	Dynamic security enabled printer
Ecolabels footnote	[2] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks.
Electromagnetic compatibility	CISPR 22:2008 (International) Class A, CISPR 32:2015 (International) Class A / EN 55032:2015 Class A + A11:2020, CISPR 35:2016 (International) / EN 55035:2017 + A11:2020, EN IEC 61000-3-2:2019 +A11:2021, 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.
End of Life CO2e (kg)	0.4
Energy Usage CO2e (kg)	357
Envelope Feeder	Yes, 50 (optional)[15]
FCC Class A emissions	FCC Class A emissions - for use in commercial environments, not residential environments
Finished output handling	Sheet feed; Main Tray: Stacking
First page out black (A4, ready)	As fast as 3.9 sec
First page out black (A4, sleep)	As fast as 8.1 sec
First page out black (letter, ready)	As fast as 3.7 sec
First page out black (letter, sleep)	As fast as 8.0 sec
First page out footnote	[6] Device first page out time based on HP internal measurement of printer activation until page exit. Measurement based on industry-standard ISO/IEC 17629 can be found at http://www.hp.com/go/printerclaims . Exact speed varies depending on the system configuration, software application, driver, and document complexity.
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 World Type); 2 Internal Windows Vista 8 Fonts (Calibri, Cambria); additional font solutions available via third-party flash memory cards; HP LaserJet Fonts and IPDS Emulation information available in the user guide and documentation for this printer model at http://www.hp.com/support .

Input capacity	Up to 650 sheets
Internal Storage	Standard, 8 GB eMMC
Mac compatible	Yes
Maximum Memory	2 GB
Maximum dimensions (W x D x H)	15.7 x 28.5 x 13.4 in
Maximum dimensions (W x D x H)	400 x 725 x 340 mm
Maximum input capacity (sheets)	Up to 2850 sheets
Maximum output capacity (sheets)	Up to 500 sheets
Maximum print area	212 x 352 mm
Media size, 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); 76 x 127 to 216 x 356 mm
Media size, tray 2	A4; A5; A6; RA4; B5 (JIS); B6 (JIS); Oficio (216 x 340); 16K; postcards (JIS double); 105 x 148 to 216 x 356 mm
Media size, tray 3	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
Media sizes supported	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; Automatic Duplexer: letter, legal, executive, 8.5 x 13 in; Envelope Feeder Accessory: No. 9, No. 10, Monarch
Media sizes supported	100-sheet multipurpose Tray 1: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS), Envelope: B5, C5, C6, DL; 550-sheet input Tray 2: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS); 550-sheet optional feeder: A4, A5, A6, RA4, B5 (JIS), B6 (JIS), 10 x 15 cm, Oficio (216 x 340), 16K (195 x 270), 16K (184 x 260), 16K (197 x 273), Postcard (JIS), Dpostcard (JIS); Envelope Feeder Accessory: B5, C5, C6, DL
Media sizes supported, key	4 x 6 in; Letter; Legal; Envelopes; 3 x 5 in
Media sizes supported, key	A4; Envelopes; A5
Media sizes, custom	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 sizes, custom	Tray 1: 76.2 x 127 to 216 x 356 mm; Tray 2: 105 x 148 to 216 x 356 mm; Optional 550-sheet Tray: 105 x 148 to 216 x 356 mm; Envelope Feeder Accessory: 98 x 162 to 178 x 254 mm
Media type and capacity, tray 1	Sheets: 100; Envelopes: 10
Media type and capacity, tray 2	Sheets: 550 Labels: Up to 500
Media type and capacity, tray 3	Sheets: 550; Envelope Accessory Tray: 50 Envelopes

Media types	Paper (plain, light, bond, recycled, heavy, extra heavy, cardstock, pre-printed, pre-punched, colored, rough, heavy rough), mono transparency, labels, letterhead, envelope, heavy envelope
Media weight (tray 1)	60 to 200 g/m ²
Media weight (tray 2)	60 to 120 g/m ²
Media weight (tray 3)	60 to 120 g/m ²
Media weight, supported	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 weight, supported	Feeder 1: 60 to 200 g/m ² ; Feeder 2: 60 to 120 g/m ² ; Automatic Duplexer: 60 to 120 g/m ²
Memory	2 GB
Minimum System Requirements	2 GB available hard disk space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see microsoft.com
Minimum System Requirements for Macintosh	2 GB available hard drive space, Internet connection, or USB port, Internet browser. For additional OS hardware requirements see apple.com
Model number	6500N/DN
Number of users	10-30 Users
Operating humidity range	10 to 80% RH
Operating temperature range	50 to 91°F
Operating temperature range	10 to 32.5°C
Orderable supplies	HP LaserJet Transfer Roller Kit C35T5A; HP LaserJet Tray Roller Kit C35T6A
Output capacity	Up to 500 sheets
Package dimensions (W x D x H)	19.41 x 22.24 x 17.4 in
Package dimensions (W x D x H)	493 x 565 x 442 mm
Package weight	39.02 lb
Package weight	17.7 kg
Page yield (set-up/inbox cartridges)	~10,000 pages black
Pallet dimensions	47.24 x 39.37 x 92.36 in
Pallet dimensions (W x D x H)	1200 x 1000 x 2346
Pallet weight	815.71 lb
Pallet weight	370 kg
Paper handling input, optional	Optional 1 x 550-sheet paper feeder, 1 x 550-sheet feeder with cabinet, optional 3 x 550-sheet feeder, optional envelope feeder kit
Paper handling input, standard	100-sheet multipurpose feeder, 550-sheet input feeder
Paper handling output, standard	500 sheet output bin
Paper trays, maximum	6 [16]
Paper trays, standard	2

Power	Input Voltage: 100V - 127V AC, 50 - 60Hz, 9.7A; or Input Voltage: 220V - 240V AC, 50 - 60Hz, 5.0A
Print Cartridges/Bottle, Number	1 (black)
Print Technology	Laser
Print colors	No
Print languages	HP PCL 6, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™
Print quality black (normal)	Up to 600 x 600 dpi
Print resolution black (fine lines)	Up to 1200 x 1200 dpi
Print speed black (Landscape, A5)	Up to 83 ppm
Print speed black (Portrait, A5)	Up to 5 ppm
Print speed duplex (A4)	Up to 50 ipm
Print speed duplex (letter)	Up to 52 ipm
Print speed footnote (A5)	[5] 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.
Print speed footnote number (A5)	[5]
Print technology	Laser
Printer Management	HP Printer Assistant; HP Device Toolbox; HP Web JetAdmin Software; HP Security Manager; Printer Administrator Resource Kit for HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility)
Processor speed	Dual Core (1.4 GHz)
Product long name specifications	HP LaserJet Enterprise 6500dn, Black and white Printer for Business, Print, Two-sided printing; Optional high-capacity trays; TerraJet cartridge
Product short name specifications	HP LaserJet Enterprise 6500N/DN Black and white Printer
Production CO2e (kg)	288
Quantity per pallet	20
RMN number	BOISB-2402-00
Recommended media weight (duplex)	16 to 32 lb
Recommended media weight (duplex)	60 to 120 g/m²
Recommended monthly page volume	3,750 to 18,750 ^[8]
Recommended monthly page volume note	[8] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. The range shown is based on 60 months of output for the lower monthly value and 12 months of output for the higher monthly value.

Recommended operating humidity range 30 to 70% RH

Recommended operating temperature range 59 to 80.6°F

Recommended operating temperature range 15 to 27°C

Replacement cartridges footnote [12] Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

Safety 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 May 8, 2019; Other safety approvals as required by individual countries.

Security management Identity management: Role Based Access Control (RBAC) Walk-up and Remote Access; Admin PW Protected EWS and Remote Access, Self-signed Certificate; Encrypted passwords; Personal on-device user accounts; Account Lockout (time-based); Kerberos AuthN; LDAP authentication; 1000 user PIN codes; Optional HP and 3rd party passwordless, MFA solutions (e.g.; badge readers); Protected Access (embedded) end user passwordless MFA for Microsoft® Entra ID; Proximity card reader, single sign-on, smart card, CAC support. Network protection: IPsec/firewall with Certificate; Elliptic Curve Cryptography (ECC, EC-based certificates); Pre-Shared Key; Kerberos AuthN; Web Jetadmin fleet proxy; 802.1X (EAP-PEAP; EAP-TLS); SNMPv3; HTTPS with Server Certificate Validation; Certificate Provisioning and CA support; Access Control List. Data privacy and protection: Storage Encryption; Encrypted PDF & Email (uses FIPS 140 validated crypto libraries from Microsoft®); Secure Erase with job storage (3x overwrite for HDD, cryptographic erase for SSD); SSL/TLS 1.2, TLS 1.3 support (HTTPS; Encrypted Credentials; Secure encrypted print support via UPD; AI-enabled Guided Redaction data security (select models). Device protection: Continuous malware monitoring; HP SureStart with Quantum Resistant BIOS firmware Integrity checking, PQC protection, and self-healing recovery; Allowlisting code validation (DLLs, EXEs, etc.) at time of use; Memory Shield hardware-enforced Runtime Intrusion Detection and Control Flow Integrity with self-healing recovery; AI-powered Connection Inspector network behavior anomaly detection with self-healing recovery; Trusted Platform Module 2.0; Configurable Service PIN; EU RED, UK PSTI, Australia Cybersecurity Act 2024 compliant; Embedded VPN (select HP Enterprise models); HP LaserJet Workflow Accelerator Card support (select HP Enterprise models); Wi-Fi security; WPA Enterprise; Security lock slot; USB host port disablement; Hardware integration pocket (HIP). Testing, Validation, Governance, and Compliance: FIPS 140-2, 140-3, Common Criteria Certification; NIST security checklist; Supply Chain Security ISO/IEC 20243 Certifications. Fleet security management: HP Security Manager policy and device certificate management, fleet firmware vulnerability assessment; Compatible with Device Security Syslog Messages processed and accessible in SIEM tools; HP Workforce Experience Platform Support (select models); Original HP Enterprise Cartridge Security.

Segment (filter) Business

Services	^
Standard input capacity (envelopes)	Up to 10
Standard media sizes (duplex)	A4; A5; 16K (195 x 270 mm, 184 x 260 mm, 197 x 273 mm); B5; Oficio
Standard media sizes (duplex, imperial)	Letter; Legal; Executive; Folio
Standard output capacity (envelopes)	Up to 75 envelopes
Standard output capacity (transparencies)	Up to 200 sheets
Storage	8 GB eMMC
Storage temperature range	-20 to 40°C
Storage temperature range	-4 to 104°F
Target user and print volume	For teams over 25 users; Prints up to 17,000 pages/month
Tariff numbers	(AMS) 8443321010; (EU) 8443321000; (AP) 84433239
Top key features	Two-sided printing; Optional high-capacity trays; TerraJet cartridge
Total CO2e (kg)	700 <i>(A product carbon footprint is defined as the total amount of greenhouse gases emitted directly and indirectly by a product over its lifetime. Greenhouse gas emissions are reported as global warming potential for 100-year time horizon (GWP-100) in units of CO2 equivalence. Calculations are done in accordance with ISO 14040 & ISO 14044. Individual values may not sum to total due to rounding.)</i>
Transportation CO2e (kg)	18
Typical electricity consumption (TEC) footnote	[10] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
Typical electricity consumption (TEC) number	0.528 kWh/Week (Blue Angel); 0.621 kWh/Week (ENERGY STAR 3.0) ^[10]
UNSPSC code	43212105
UPC number	198415439161
Warm-up time	As fast as 133 sec
Warranty	Warranty is valid until the genuine HP toner is depleted as indicated by the printer, or the end of warranty date is reached, whichever occurs first.
Waste electrical and electronic weight	12.0 kg
What is in the box footnote	Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/go/learnaboutsupplies .

[3] With print cartridges

[7] Duty cycle is defined as the maximum number of pages per month of imaged output. This value provides a comparison of product robustness in relation to other HP LaserJet or HP Color

LaserJet devices, and enables appropriate deployment of printers and MFPs to satisfy the demands of connected individuals or groups.

[8] HP recommends that the number of pages per month of imaged output be within the stated range for optimum device performance, based on factors including supplies replacement intervals and device life over an extended warranty period. The range shown is based on 60 months of output for the lower monthly value and 12 months of output for the higher monthly value.

[9] Power consumption values based on measurement of 115V device. 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.

[10] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).

[12] Average black declared yields based on ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see <http://www.hp.com/go/learnaboutsupplies>.

[14] Citrix Server versions updates release every quarter, for updates see <https://www.citrix.com/en-in/downloads/citrix-virtual-apps-and-desktops/>; Citrix XenApp & XenDesktop versions updates release every quarter, for updates see <https://www.citrix.com/en-in/downloads/citrix-virtual-apps-and-desktops/>; Citrix Ready Kit Certification - see <http://citrixready.citrix.com> for the latest qualification for HP Printers;

Services

Document & Printing

★ : Recommended

Support Services (for Document & Printing)

HP 3 year Next Business Day Onsite with DMR Service for LaserJet Enterprise 6500 6501	UP9M3E ★
HP 3 year NBD Onsite with Preferred Access and DMR Service for LaserJet Enterprise 6500 6501	UP9M7E ★
HP 3 year Parts Exchange with DMR Service for LaserJet Enterprise 6500 6501	UP9N9E ★
HP 1 year PW 4 hour Onsite with Preferred Access and DMR Service for LaserJet Enterprise 6500 6501	UP9N8PE
HP 1 year PW NBD Onsite with Preferred Access and DMR Service for LaserJet Enterprise 6500 6501	UP9N0PE
HP 1 year Post Warranty 4 hour Onsite with DMR Service for LaserJet Enterprise 6500 6501	UP9N4PE
HP 1 year Post Warranty NBD Onsite with DMR Service for LaserJet Enterprise 6500 6501	UP9M6PE
HP 1 year Post Warranty Parts Exchange with DMR Service for LaserJet Enterprise 6500 6501	UP9P2PE
HP 3 year 4 hour Onsite with DMR Service for LaserJet Enterprise 6500 6501	UP9N1E
HP 3 year 4 hour Onsite with Preferred Access and DMR Service for LaserJet Enterprise 6500 6501	UP9N5E
HP 4 year 4 hour Onsite with DMR Service for LaserJet Enterprise 6500 6501	UP9N2E
HP 4 year 4 hour Onsite with Preferred Access and DMR Service for LaserJet Enterprise 6500 6501	UP9N6E
HP 4 year NBD Onsite with Preferred Access and DMR Service for LaserJet Enterprise 6500 6501	UP9M8E
HP 4 year Next Business Day Onsite with DMR Service for LaserJet Enterprise 6500 6501	UP9M4E
HP 4 year Parts Exchange with DMR Service for LaserJet Enterprise 6500 6501	UP9P0E
HP 5 year 4 hour Onsite with DMR Service for LaserJet Enterprise 6500 6501	UP9N3E
HP 5 year 4 hour Onsite with Preferred Access and DMR Service for LaserJet Enterprise 6500 6501	UP9N7E
HP 5 year NBD Onsite with Preferred Access and DMR Service for LaserJet Enterprise 6500 6501	UP9M9E
HP 5 year Next Business Day Onsite with DMR Service for LaserJet Enterprise 6500 6501	UP9M5E
HP 5 year Parts Exchange with DMR Service for LaserJet Enterprise 6500 6501	UP9P1E
HP Installation Service with network configuration for Workgroup Printer (1 unit)	U9JT2E

Print Security Solutions

HP HID Mobile Access BLE MIFARE Card Reader

35H11B

HP Keystroke Card Reader

Y7C05B

HP Universal Card Reader

X3D03B

HP Laser Toner Cartridges and Kits

★ : Recommended

HP TerraJet Toner Cartridges

HP 160A Black Original LaserJet Toner Cartridge	W1600A
HP 160Y Black Original LaserJet Toner Cartridge	W1600Y

HP Home & Office Papers

HP Home & Office Papers for laser and inkjet

HP MultiPurpose20TM 20 lb 11 x 17 in. (279 x 432 mm) 250 sheets	HPM1720P
HP MultiPurpose20TM 20 lb 8.5 x 11 in. (216 x 279 mm) 500 sheets	HPM1120R
HP MultiPurpose20TM 20 lb 8.5 x 14 in. (216 x 356 mm) 500 sheets	HPM1420P

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