Datasheet | NA

HP Color LaserJet Enterprise X45135 Printer series

Enterprise performance in a compact design.

Empower small work teams to get more done with enterprise printing performance, professional color quality and speed. Simple fleet management and advanced security keeps users productive and simplifies IT operations.



HP Color LaserJet Enterprise X45135dn printer



HP Color LaserJet Enterprise X45135dw printer

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

Maximize performance

- Keep teams moving with fast print speeds up to 33/35 ppm (A4/LTR).[1]
- Get professional results with crisp detail and vivid colors, HP TerraJet Toner keeps work looking sharp.
- Minimize downtime with real-time monitoring and remote management with HP Smart Device Services.

Simplify enterprise fleet management

- Work seamlessly across devices. HP FutureSmart delivers a simple, consistent user-experience fleetwide.[2]
- Easily install, manage and update printers fleet-wide with HP Web Jetadmin.[3]
- Equip teams with HP & third-party solutions that reduce steps, streamline workflows, and boost productivity.
- Deploy, monitor, and manage your fleet seamlessly with HP Workforce Experience Platform.

Defended by industry-leading Enterprise Security

- Keep your work safe. HP Wolf Security[4] silently detects and recovers your printer from cyberattacks.
- Simplify compliance; HP Security Manager monitors your fleet, so you're always audit-ready, effortlessly.[5]
- Grant access only to verified users and devices with HP's Zero Trust Print Architecture.
- Get peace of mind with future-ready security from the first printers to protect against quantum attacks.[7]

Save energy and help reduce waste

- Reduce costs and environmental impact with printers and toner cartridges that use less energy.[8]
- Meet the rigorous criteria of EPEAT, Energy Star, and Blue Angel with our energy efficient designs.[12]
- Help reduce plastic waste with TerraJet Toner Cartridges designed with recycled plastics.[9,10]
- Easily recycle your used HP TerraJet Toner Cartridges for free through the HP Planet Partners Program.[11]

Product walkaround

1. Fast, automatic two-sided printing at 1200 x 1200 dpi
2. 2 Hi-Speed USB 2.0 Ports; 1 Font, 1 Host. Front USB supports Hardware Integration Pocket Accessory
3. 300-sheet input tray (supports Letter; Legal; 4 x 6 in; Envelopes)
4. Max Output; up to 150 sheets
5. 2.7" (6.8 cm) Color Non-Touch Control Panel with 24 Keypad
6. Print speed up to 33/35 ppm black & color (A4/Letter)
7. Dual-band Wi-Fi® with self-reset, Wi-Fi® Direct, High-Speed USB ports, & Ethernet
8. Input capacity; up to 1,400-sheet maximum with 2 optional (550-sheet) input tray accessories



Series at a glance





Model	HP Color LaserJet Enterprise X45135dn printer	HP Color LaserJet Enterprise X45135dw printer
Product Number	67Q02A	67Q04A
Functions	Print	
Print speed (A4/Letter)[1]	33/35 ppm	
Auto 2-sided printing	Yes	
Connectivity	USB, Ethernet	USB, Ethernet, Dual-band Wi-Fi 6, Bluetooth
Control panel	2.7" Non-touch	
Input capacity(std/max)	300/1,400	
Memory and Storage	2GB RAM, 8GB eMMC	
RMPV[2]	1,600 to 4,200	
Key Solutions	OXPd Support	
Fleet Manageability[3]	HP Smart Device Services, HP Web Jetadmin, HP Security Manager, HP Workforce Experience Platform[3]	
Extensibility[5]	HP FutureSmart, OXPdsupport	

HP Services

Downtime can have serious consequences, so HP provides support beyond the standard warranty. You benefit from reduced risk, maximized uptime, predictable service delivery and no unbudgeted repair costs. HP Care Pack Services provide a comprehensive suite of protection services designed to keep HP hardware and software up and running so employees can stay productive.

For carepack availability visit: hp.com/go/cpc

Windows 11

Mac

Works with Apple AirPrint

mopria

ENERGY STAR

HI-SPEED CERTIFIED USB

Accessories

478C2A	HP Printing Voice Assistant
8FP31A	HP Jetdirect LAN Accessory
9R1U0A	HP JetDirect 3200w Wifi 6 Bluetooth Wireless Accessory
B5L31A	HP Foreign Interface Harness
BV1G1A	HP LaserJet 550-sheet Paper Tray
CC543B	HP SmartCard NIPRNet Solution for US Government
CD1R8A	HP Enterprise 4000 HIP Enabler Accessory
F8B30A	HP SmartCard SIPRNet Solution for US Government
Y7C05B	HP HIP2 Keystroke Reader
35H11B	HP HID Mob Acc Mifare DES Fire Keystroking Reader
2NJ29B	HP SIM for Secure Mifare
Y7C07B	HP SIM for Secure HID
4QL32A	HP Legic Secure USB Reader
X3D03B	HP USB Card Reader

Supplies

W9230MC	HP W9230MC Black Managed Original LaserJet Toner Cartridge
W9231MC	HP W9231MC Cyan Managed Original LaserJet Toner Cartridge
W9232MC	HP W9232MC Yellow Managed Original LaserJet Toner Cartridge
W9233MC	HP W9233MC Magenta Managed Original LaserJet Toner Cartridge

Solutions

Overview: HP Universal Print Driver (UPD); HP PrinterOn Enterprise; Microsoft Universal Print (MUP) support

Security: HP Security Manager fleet security compliance and management; HP Access Control; HP Secure Print; Secure Encrypted Print (UPD); Future-ready security; HP Security Manager

Mobile and universal print: HP Universal Print Driver (UPD); HP PrinterOn Enterprise; Microsoft Universal Print (MUP) support

Management: Embedded Web Server; HP Web Jetadmin; HP Advance; HP Security Manager; HP Command Center 2.0(ECP); HP Smart Printer Administrator's Resource Kit; HP Custom Color Manager

Services

U3H8E-HP 3 year Next Business Day Onsite with DMR Service for Color LaserJet Enterprise X45135
U3H9E-HP 4 year Next Business Day Onsite with DMR Service for Color LaserJet Enterprise X45135
U3J0E-HP 5 year Next Business Day Onsite with DMR Service for Color LaserJet Enterprise X45135
U3J1PE-HP 1 year Post Warranty NBD Onsite with DMR Service for Color LaserJet Enterprise X45135
U3J2E-HP 3 year 4 hour Onsite with DMR Service for Color LaserJet Enterprise X45135
U3J3E-HP 4 year 4 hour Onsite with DMR Service for Color LaserJet Enterprise X45135
U3J4E-HP 5 year 4 hour Onsite with DMR Service for Color LaserJet Enterprise X45135
U3J5PE-HP 1 year Post Warranty 4 hour Onsite with DMR Service for Color LaserJet Enterprise X45135
U3J6E-HP 3 year Parts Exchange with DMR Service for Color LaserJet Enterprise X45135
U3J7E-HP 4 year Parts Exchange with DMR Service for Color LaserJet Enterprise X45135
U3J8E-HP 5 year Parts Exchange with DMR Service for Color LaserJet Enterprise X45135
U3J9PE-HP 1 year Post Warranty Parts Exchange with DMR Service for Color LaserJet Enterprise X45135
U67T2E-HP Print Carbon Emissions Sync Service for A4 Products only
U9JT2E-HP Installation Service with network configuration for Workgroup Printer(1 unit)

HP Color LaserJet Enterprise X45135 Printer series Technical specifications

Model	HP Color LaserJet Enterprise X45135dn printer	HP Color LaserJet Enterprise X45135dw printer
Product number	67Q02A	67Q04A
AIO functions	Print	
Print		
Print speed[4],[6],[5]	**First page out Letter:** As fast as 5.7 sec Black; As fast as 6.3 sec Color; **First page out A4:** As fast as 5.8 sec Black; As fast as 6.4 sec Color; **Letter:** Up to 35 ppm Black; Up to 35 ppm Color; **A4:** Up to 33 ppm Black; Up to 33 ppm Color; **2-sided Letter:** Up to 31 ipm Black; Up to 31 ipm Color; **2-sided A4:** Up to 29 ipm Black; Up to 29 ipm Color; **Print speed (Landscape, A5):** Up to 60 ppm Black; Up to 60 ppm Color	
Print resolution	**Black (normal)** Up to 1200 x 1200 dpi **Color (normal):** Up to 1200 x 1200 dpi	
Print technology	Laser; **Print resolution technology:** HP ImageREt 2400, Fine Lines (1200x1200 dpi), Quickview (300x300 dpi)	
Print cartridges number	Toner cartridges may or may not be included based on configuration choices	
Standard print languages	HP PCL 6, HP PCL 5, HP PostScript level 3 emulation, native PDF printing (v 1.7), Apple AirPrint™	
Printer smart software features	Apple AirPrint™, Mopria-certified, Open Extensibility Platform, FutureSmart Firmware, Instant-on Technology, HP Auto-On/Auto-Off Technology, Easy Access USB, Two-Sided Printing, 2.7-in (6.86 cm) Color Graphics QVGA (LCD) Non-Touch Display with 24-Key Pad; print multiple pages per sheet (2, 4, 6, 9, 16), collation, watermarks, store print jobs, print preview.	
Printer management	HP Printer Administrator Resource Kit for the HP Universal Print Driver (Driver Configuration Utility - Driver Deployment Utility - Managed Printing Administrator); HP Embedded Web Server; HP Insights/ WXP; HP Security Manager; HP Advanced; HP Command Center; HP Smart Device Services (SDS); HP Web JetAdmin	
Connectivity		
Standard connectivity	1 Gigabit Ethernet 10/100/1000T network; 1 Hi-Speed USB 2.0 (device); 2 Hi-Speed USB 2.0 (host)	2 Hi-Speed USB 2.0 Host; 1 Hi-Speed USB 2.0 Device; 1 Gigabyte Ethernet 10/100/1000T network; 802.11a/b/g/n/ac/ax (2.4/5 GHz) Wi-Fi radio + BLE
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); Dual Band 802.11a/b/g/n/ac/ax wireless networking (Optional); second Ethernet port (Optional); Microsoft Universal Print (MUP) support	
Wireless capability	Optional, Dual Band Wireless Station and Wi-Fi Direct Functionality available via HP Jetdirect 3200w Wi-Fi 6 BLE/Wireless Accessory 9R1U0A	Standard, Dual band Wireless Station and Wi-Fi Direct functionality via embedded Wi-Fi 6 BLE/Wireless Module
Mobile printing capability	Apple AirPrint™; Mopria™ certified; USB Only	Apple AirPrint™; Mopria™ certified; USB Only; Wi-Fi Direct® printing
Memory	**Standard:** 2 GB; **Maximum:** 2 GB	
Processor speed	Dual Core (1.4 GHz)	
Storage	**Standard:** 8 GB eMMC **Hard disk:** No Support	
Duty cycle (monthly)[11]	**Letter:** Up to 100,000 pages; **A4:** Up to 100,000 pages; **Recommended monthly page volume:** 1,600 to 4,200 pages	

HP Color LaserJet Enterprise X45135 Printer series Technical specifications

Model	HP Color LaserJet Enterprise X45135dn printer	HP Color LaserJet Enterprise X45135dw printer
Product number	67Q02A	67Q04A
Paper handling		
Input	**Standard:** 50-sheet multipurpose tray, 250-sheet input tray; Up to 300 sheets ; **Maximum:** Up to 1400 sheets (with 2 Optional 550-sheet trays)	
Output	Up to 150 sheets Standard; **Maximum:** Up to 150 sheets	
Duplex Options	Automatic (default)	
Envelope feeder	No	
Standard paper trays	**Standard:** 2; **Maximum:** 4	
Media types	Bond, Card Glossy 176-220g, Cardstock 176-220g, Colored, Extra Heavy 131-175g, Extra Heavy Glossy 131-175, Heavy 111-130g, Heavy Glossy 111-130g, Heavy Rough, HP Advanced Photo Papers, HP Brochure Glossy, HP Brochure Glossy 150g, HP Brochure Glossy 200g, HP Brochure Matte 150g, HP Brochure Matte 180g, HP Color Laser Matte 105g, HP EcoFFICIEN, HP Everyday Photo Papers, HP Glossy Brochure or Professional Paper, HP Iron-on Transfe, HP LaserJet 90g, HP Matte 200g, HP Matte Brochure or Professional Paper, HP Matte Photo Paper, HP Matte Presentation Paper, HP Photo Papers, HP Premium Choice Matte 120g, HP Premium Plus Photo Papers, HP Premium Presentation Glossy 120g, HP Premium Presentation Matte 120g, HP Professional Soft Gloss 120g, HP Tri-fold Brochure Glossy 150g, HP Tri-fold Brochure paper, Glossy, Inkjet Hagaki, Intermediate 85-95g, Letterhead, Light 60-74g, Light Bond, Light Rough, Mid-Weight 96-110g, Mid-Weight Glossy 96-110g, Opaque Film, Other Glossy Inkjet Papers, Other Matte Inkjet Papers, Other Photo Inkjet Papers, Paperboard 221-255g, Plain, Plain Paper, Light/Recycled, Thick, Preprinted, Prepunched, Recycled, Rough, Tab, Vellum, 10x15cm, 11x17, 12x18, 16K 184x260 mm, 16K 195x270 mm, 16K 197x273 mm, 3x5, 4x6, 5x7, 5x8, A4, A5, A6, B4 (JIS), B5 (JIS), B6 (JIS), Envelope #10, Envelope #9, Envelope B5, Envelope C5, Envelope C6, Envelope DL, Envelope Monarch, Executive, L 9x13 cm, Legal, Letter, Oficio 216x340 mm, Oficio 8.5x13, SRA4, Statement, Windows: Double Japan Postcard Rotated/ Ofuku Hagaki, Mac/Linux: Double Postcard (JIS), Windows: Japanese Postcar, Mac/Linux: Postcard (JIS)	
Media weight	Tray 1: 16 to 47 lb bond (up to 52 lb with HP Color laser glossy photo papers); Tray 2: 16 to 43 lb bond (up to 47 lb with postcards, up to 52 lb with HP Color laser glossy photo papers); optional Tray 3: 16 to 43 lb bond (up to 47 lb with postcards, up to 52 lb with HP Color laser glossy photo papers); optional Tray 4: 16 to 43 lb bond (up to 47 lb with postcards, up to 52 lb with HP Color laser glossy photo papers); Automatic duplexer: 16 to 43 lb	
Media sizes	Tray 1: letter, legal, executive, statement, oficio 8.5 x 13, 4 x 6, 3 x 5, 5 x 7, 5 x 8, envelope (No. 9, No. 10, Monarc); Custom: 3 x 5 to 8.5 x 14 in; Tray 2: letter, legal, executive, statement, oficio 8.5 x 13, 4 x 6, 5 x 7, 5 x 8, envelope (No. 9, No. 10, Monarc); Custom: 3.86 x 5.83 to 8.5 x 14 in Optional Tray 3: letter, legal, executive, statement, oficio 8.5 x 13, 4 x 6, 5 x 7, 5 x 8 ; Custom: 3.94 x 5.83 to 8.5 x 14 in; Optional Tray 4: letter, legal, executive, statement, oficio 8.5 x 13, 4 x 6, 5 x 7, 5 x 8 ; Custom: 3.94 x 5.83 to 8.5 x 14 in	
Media Sizes Custom	Tray 1: 3 x 5 to 8.5 x 14 in; Tray 2, optional Tray 3, optional Tray 4: 3.93 x 5.82 to 8.5 x 14 in; Duplex (all trays): 5.82 x 5.82 in to 8.5 x 14 in	
Dimensions (W x D x H)	16.6 x 16.8 x 11.7 in; 421 x 427 x 297 mm; **Maximum:** 16.6 x 36.0 x 11.7 in (printer fully opened); 421 x 916 x 297 mm (printer fully opened)	
Weight	~36 lbs; ~16.33 kg	
What's in the box[3]	HP Color LaserJet Enterprise X45135dn printer; HP Black Original LaserJet Introductory Toner Cartridge (~2,300 pages); HP Cyan, Magenta, Yellow Original LaserJet Introductory Toner Cartridges (~2,000 pages each); Power Cord, Hardware Install Guide, Regulatory Flyer, Warranty Card(Japan, Brazil, Indonesia, Australia/New Zealand, Argentina, China) **In box cable:** No, please purchase USB cable separately	HP Color LaserJet Enterprise X45135dw printer; HP Black Original LaserJet Introductory Toner Cartridge (~2,300 pages); HP Cyan, Magenta, Yellow Original LaserJet Introductory Toner Cartridges (~2,000 pages each); Power Cord, Hardware Install Guide, Regulatory Flyer, Warranty Card(Japan, Brazil, Indonesia, Australia/New Zealand, Argentina, China) **In box cable:** No, please purchase USB cable separately
Page yield (set-up/inbox cartridges)	Toner cartridge presence and/or yield may vary based on configuration choices	
Replacement cartridges[10]	HP Black Managed Original LaserJet Toner Cartridge (~10,000 pages) W9230MC HP Cyan Managed Original LaserJet Toner Cartridge (~8,000 pages) W9231MC HP Yellow Managed Original LaserJet Toner Cartridge (~8,000 pages) W9232MC HP Magenta Managed Original LaserJet Toner Cartridge (~8,000 pages) W9233MC	
Warranty features	One-year, next-business day, onsite warranty. Warranty and support options vary by product, country and local legal requirements.	
Energy star certified	Yes	
Ecolabels[2]	CECP; IT ECO Declaration; SEPA; Taiwan Green Mark; Japan PC Green Label; KOECO; Vietnam MEPS	IT ECO Declaration
Sustainable impact specifications	Contains post-consumer recycled plastic; ENERGY STAR® certified	
Control panel	2.7" Color Non-Touch Control Panel with 24 Keypad	
Display	2.7-in (6.86 cm) Color Graphics QVGA (LCD) Non-Touch Display with 24-Key Pad	
Software included	No software solutions are included in the Box only on http://hp.com	
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 available at Http://www.hp.com/go/laserjetfonts	
Compatible operating systems	Windows 11 (64-bit); Windows 10 (32-bit, 64-bit and ARM64); Android; iOS; macOS 14 Sonoma; macOS 15 Sequoia; macOS Tahoe v26; Linux: Debian 10; Linux: Manjarolinux 20.2; Linux: Manjarolinux 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: Zorin 15; Linux: Zorin 16; Chrome OS; Linux: Ubuntu 23.04; Linux: Ubuntu 23.10	
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	
Power[8]	**Power supply type:** Internal (built-in) Power Supply; **Power supply required:** 110-volt input voltage: 100 to 127 VAC (+/- 10%), 60 Hz (+/- 3 Hz); 220-volt input voltage: 220 to 240 VAC (+/- 10%), 50/60Hz (+/- 3 Hz) (Not dual voltage, power supply varies by part number with # Option code identifier); **Power consumption**[7]**:** 579 watts (active printing), 22 watts (ready), 0.8 watts (sleep), 0.07 watts (auto-off/manual-on), 0.07 watts (manual off); **Typical electricity consumption (TEC) number:** 0.339 kWh/Week (Blue Angel); 0.378 kWh/Week (Energy Star 3.0)	
Acoustics[1]	**Acoustic power emissions:** 6.1 B(A)	
Operating environment	**Operating temperature range:** 50 to 90.5°F ; **Recommended operating temperature:** 59 to 80.6°F ; **Storage temperature range:** -4 to 104°F ; **Operating humidity range:** 10 to 80% RH ; **Recommended operating humidity range:** 30 to 70% RH	
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. 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®); SSL/TLS 1.2, TLS 1.3 support (HTTPS; Encrypted Credentials; Secure encrypted print support via UPD; 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); Wi-Fi security; WPA Enterprise; Security lock slot; USB host port disablement; Hardware integration pocket (HIP). Testing, Validation, 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	
Country of origin	Made in Vietnam	

Footnotes

Messaging

[1] Print speed: 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.
[2] HP FutureSmart Firmware: 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.
[3] HP WebJet Admin: HP Web Jetadmin is free and available for download at hp.com/go/webjetadmin .
[4] Wolf Security: HP Security is now HP Wolf Security. Security features vary by platform, please see product data sheet for details. 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 2024 published features of competitive in-class printers. Only HP offers multiple security features that automatically detect, stop, and recover from attacks with a self-healing reboot in alignment with NIST SP 800-193 guidelines for device cyber resiliency. For a list of compatible products, visit: hp.com/go/PrintersThatProtect . For more information, visit: hp.com/go/PrinterSecurityClaims .
[5] HP Security Manager: HP Security Manager must be purchased separately. For details, see hp.com/go/securitymanager .
[7] Post Quantum Cryptography:Based on HP's internal analysis of business Printers with preinstalled encryption, authentication, malware protection, post-quantum digital signature, and initial BIOS firmware integrity protection with automatic self-healing recovery finding that no other in-class Printers implement a quantum-resistant cryptographic scheme to protect the integrity of the BIOS and firmware as of March 2025.
[8] Energy Savings: Energy reduction in HP LaserJet Enterprise 4701-4801 with HP Original 240 TerraJet Toner Cartridges compared to predecessor HP LaserJet Enterprise M455 and M480f with HP Original 414, 415 and 416 Toner Cartridges. Calculated in 2026 based on normalized Energy Star Typical Electricity Consumption (TEC) data. See hp.com/TerraJet/energysaving for more information.
[9] Virgin Plastic: Virgin plastic reduction in HP Original 240 TerraJet Toner Cartridges compared to predecessor HP Original 414, 415, and 416 Toner Cartridges. Calculated in 2026 comparing grams of virgin plastic and expressed as a percentage of total weight of plastic. See hp.com/TerraJet/plasticreductions for more information.
[10] Recycled Plastic: Recycled plastic for HP Original 240 TerraJet Toner Cartridges compared to predecessor HP Original 414, 415, and 416 Toner Cartridges measured in 2026 and expressed as a percentage of total weight of plastic. See www.hp.com/tonerrecycledcontent for more information.
[11] HP Planet Partners: Program availability varies. For more information, visit hp.com/hprecycle.
[12] Eco Labels: HP voluntarily designs and tests its printing systems to prevent emissions that exceed Blue Angel and EPEAT eco-label guidelines. Based on US, Canada, India, and Australia EPEAT® registration according to IEEE 1680.1-2018 EPEAT®. EPEAT® status varies by country. Visit www.epeat.net for more information. ENERGY STAR and the ENERGY STAR logo are registered U.S. marks. HP printer, HP paper and Original HP supply - Blue Angel DE-UZ 219 Emissions Criteria.

Series at a glance

[1] 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.
[2] 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 24-month usage.
[3] HP LaserJet X45135 series has the ability to be managed by HP Workforce Experience Platform.
[4] Based on HP's internal analysis of business Printers with preinstalled encryption, authentication, malware protection, post-quantum digital signature, and initial BIOS firmware integrity protection with automatic self-healing recovery finding that no other in-class Printers implement a quantum-resistant cryptographic scheme to protect the integrity of the BIOS and firmware as of March 2025.
[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

Technical specifications

[1] Simplex A4 printing at 33 ppm
[2] EPEAT® registered where applicable. EPEAT registration varies by country. See http://www.epeat.net for registration status by country.
[3] For yield information on the cartridge(s) included with your printer, see http://www.hp.com/toneryield . Yield values measured in accordance with ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors.
[4] 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.
[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.
[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.
[7] 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.
[8] Typical Electricity Consumption (TEC) rating represents the typical electricity consumed by a product during 1 week, measured in kilowatt-hours (kWh).
[9] 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.
[10] Declared yields based on ISO/IEC 19798 and continuous printing. Actual yields vary considerably based on images printed and other factors. For details see http://www.hp.com/toneryield
[11] 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
[12] 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

To learn more, visit hp.com

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