



HP LaserJet Tank 2504dw Printer

Business capabilities with up to 5,000 pages of pre-filled toner and an ultra-low cost per page¹

Discover business-ready capabilities and savings with HP LaserJet Tank 2504dw Printer pre-filled with up to 5,000 pages of Original HP Toner¹



Get high-quality printing with the lowest cost per page²

- Engineered for high-volume printing – pre-filled with 5,000 pages of toner in the tank.
- Help to save on refills with ultra high yield HP Toner Reload Kit.
- Deliver exceptional quality with sharp text and bold blacks, page after page.

Easy toner refill in 15 sec with Original HP Toner¹

- Easily refill Original HP Toner in 15 seconds.¹
- Less downtime with 2,500 and 5,000 page HP Toner refill options.²
- The Original HP Toner Reload Kit has a unique design, made with over 75% less plastic.³

Full features for business-ready capability.

- Speed through multipage documents with automatic two-sided printing.
- Print, scan, and share anytime, anywhere with HP Smart app.⁴
- Low maintenance with long-life up to 50,000 page imaging drum.⁵
- Core protection for everyday needs with HP Wolf Essential security.

Product walkaround

HP LaserJet Tank 2504dw Printer shown

- 1. Dual-band Wi-Fi® with self reset and Bluetooth LE
- 2. Fast two-sided printing
- 3. Mess-free 15-sec HP Toner refill system
- 4. HP Wolf Essential security
- 5. Pre-filled with 5,000 pages of Original HP Toner
- 6. 50,000-page imaging drum
- 7. Productivity on-the-go with HP Smart app



Accessories, Supplies and Support

Supplies	W1530A HP 153A Black Original LaserJet Tank Toner Reload Kit (~2,500 pages)
	W1530X HP 153X Black Original LaserJet Tank Toner Reload Kit (~5,000 pages)
Service and Support	U04T6E 3 years Standard Exchange (available in All EMEA countries Except Adriatic, Africa, CIS, EEM, Israel, Middle East, Russia, South Africa, Turkey)
	U04T3E 3 years Next Business Day Exchange (available in Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Spain, Sweden, Switzerland, UK)

Technical specifications

Model	HP LaserJet Tank 2504dw Printer
Product number	Z87F4A
Functions	Print
Control panel	Icon LCD; 2 lights (Wifi, Attention); 5 buttons (WiFi, Info, Resume, Cancel, Power)
Print	
Print technology	Laser
Print speed ¹	Black (A4, normal): Up to 22 ppm ; Black (A4, duplex): Up to 14 ipm
First page out ²	Black (A4, ready): As fast as 8.0 sec ; Black (A4, sleep): As fast as 8.4 sec
Print resolution	Black (best): Up to 600 x 600 dpi ; Technology: 600 x 400 dpi; 600 x 600 dpi
Monthly duty cycle	Up to 25,000 pages A4; Recommended monthly page volume: 250 to 2500
Printer smart software features ^{3,4}	Automatic duplex printing, HP Auto-On/Auto-Off, HP Smart App
Standard print languages	PCLm5; URF; PWG
Print area	Print margins Top: 2 mm, Bottom: 2 mm, Left: 2 mm, Right: 2 mm; Maximum print area : 215.9 x 355.6 mm
Duplex printing	Automatic
Processor speed	500MHz
Connectivity	
Standard	Hi-Speed USB (compatible with USB 2.0 specifications); Ethernet 10/100 Base-TX; 802.11a/b/g/n (2.4/5 GHz) Wi-Fi radio
Mobile printing capability ⁵	HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct printing
Supported network protocols	TCP/IP; IPv4; IPv6; LPD; SLP; Bonjour; WS-Discovery; BOOTP/DHCP/AutoIP; SNMP v 1/2/3; HTTP/HTTPS; UDP; IPP
Network capabilities	Ethernet 10/100Base-TX; built-in WiFi 802.11b/g/n (2.4/5GHz)
Hard disk	None
Memory	Standard: 64MB ; Maximum: 64 MB SDRAM
Media handling	
Number of paper trays	Standard: 1 ; Maximum: 1
Media types	Plain paper, Heavy paper, Bond paper, Label, Light paper, Envelope
Media size	Custom (metric): 102 x 152 to 215.9 x 355.6 mm Supported (metric): A6; A5; A4; No.10 Env; C5 Env; DL Env; B5 Env; B5(JIS); B6 (JIS); 216mm x 340mm; Custom
Media handling	Standard input: Up to 250 sheet and 10 envelope Standard output: Up to 250 sheet and 10 envelope Optional input: Up to 250 sheet and 10 envelope
Media weight	60 to 163gram cut sheet paper
Input capacity	Tray 1: plain, light1, EcoEfficient, Heavy1 and Heavy2 Maximum: up to 250 sheets
Output capacity	Standard: 100 sheets Envelopes; up to 10 envelope Transparencies; NO transparency support Maximum: 100 sheets
Compatible operating systems	Windows 11; Windows 10; macOS 10.15 Catalina, macOS 11 Big Sur; macOS 12 Monterey; Linux
Compatible network operating systems	Windows Server 2008 R2 64-bit, Windows Server 2008 R2 64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows Server 2016 64-bit; Linux (For more information see http://developers.hp.com/hp-linux-imaging-and-printing)
Minimum system requirements	Windows: Microsoft® Windows® 11, 10, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer or Edge. Mac: Apple® macOS v10.15 Catalina, macOS v11 Big Sur; macOS v12 Monterey; 2 GB HD; Internet required
Software included	No CD inbox (except Indonesia and China Gov) Downloadable Software from hp.com or 123.hp.com #CD include HP Software Installer, Uninstaller, printer driver and other essential tools
Security management	Secure Boot, Secure Firmware Integrity, Runtime Code Integrity, password protected EWS, secure browsing via SSL/TLS 1.0, TLS 1.1, TLS 1.2; TLS 1.0/1.1 disabled by default; OpenSSL version 1.1.1; Enable/disable Network ports; SNMPv1, SNMPv2, and SNMPv3, Community password change, Secure defaults, Encrypted data at rest, Active FW update, Admin password by default, Cipher & TLS selection; Account lockout; Secure Wi-Fi setup
Printer management	HP Printer Assistant (UDC); HP Device Toolbox; HP Utility (Mac)
Dimensions and weight	
Printer dimensions (W x D x H)	Minimum 348.7 X 285 X 214.8 mm; Maximum: 348.7X390.5X214.8 mm
Printer weight	6.2 kg
Operating environment	Temperature: 15 to 32.5°C Humidity: 30 to 70% RH
Storage conditions	Temperature: -20 to 60°C
Acoustics	Acoustic power emissions: 6.2 B(A) Acoustic pressure emissions: 50 dB(A)
Power ⁶	Requirements: Printer: 110V; RMN : L12543A; Rated Voltage : 110-127V; Rated Current : 5.2A; Frequency : 50/60Hz; Printer: 220V; RMN : L12543E; Rated Voltage : 220-240V; Rated Current : 2.9A; Frequency : 50/60Hz; Consumption: Active printing: 354w, Ready: 1.59w, Sleep: 0.46w, Manual Off: 0.05w, Auto Off/Manual On: 0.05w, Auto-Off/Wake on LAN: 0.4w; Typical Electricity Consumption (TEC): Energy Star: 0.187Kwh/week; Blue Angel: 0.197Kwh/week; Power supply type: Internal (built-in) Power Supply
Energy savings feature technology	HP Auto-On/Auto-Off Technology; Instant-on Technology
Certifications	RCM (Australia), TUV and GS Mark (Germany), BSMI (Taiwan), CCC (China), BIS (India), KC (South Korea), SIRIM (Malaysia), Cambodia, Ukraine, EAC, Eastern European approvals, CE Marking, FCC, Energy Star, UL, Paraguay, Chile, Argentina, Indonesia, Singapore, Philippines, etc. Electromagnetic emission standard: CISPR32:2015 & CISPR 35:2016 /EN55032:2015 - Class B; EN 61000-3-2:2019; EN 61000-3-3:2013+A1:2019; EN 55035:2017; FCC Title 47 CFR, Part 15 Class B/ICES-003, Issue 6 Blue Angel: EPEAT® silver registered; ENERGY STAR® certified Blue Angel compliant: Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies Telecom compliance: Wireless: EU RED 2014/53/EU; ETSI EN 301 489-1 V2.2.3 / ETSI EN 301 489-17: V3.1.1; EN 300 328: V2.2.2 / EN301 893 V2.1.1/ EN300 440-1 V2.1.1; FCC Title 47 CFR, Part 15 Subpart C & E / RSS 247 Issue 1, 2015 & RSS 102 Issue 5, 2015; IEC 62311:2007 / EN62311:2008
Sustainable impact specifications ^{22, 27}	Recyclable through HP Planet Partners; Contains post-consumer recycled plastic
Country of origin	Made in Vietnam
What's in the box ⁷	Z87F4A HP LaserJet Tank 2504dw Printer; HP Black Original LaserJet Tank Imaging Drum (introductory ~5000 page black toner yield provided); Power Cord; Setup Guide; Reference Guide; Regulatory/Support Flyers ~5,000 black pages
Warranty	Up to 3 years extended warranty upon registration within 60 days at www.hp.com/go/lasertank-warranty

Footnotes

¹ When used in accordance with instructions. Average reload time based on HP internal testing.

² Actual yield varies considerably based on content of printed pages and other factors. Average based on ISO/IEC 19752 and continuous printing. Additional printed pages require toner reload. For details see <http://www.hp.com/go/learnaboutsupplies>.

³ Over 75% plastic reduction is calculated by comparing the weight of the plastic in HP Neverstop Laser 103/143 A/AD and HP Laser NS 108 A/AD Toner Reload Kit and its packaging.

⁴ Requires the HP Smart app download. For details on local printing requirements see www.hp.com/go/mobileprinting. Certain features/software are available in English language only and differ between desktop and mobile applications. Subscription may be required; subscription may not be available in all countries. See details at HPSmart.com. Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores.

⁵ The yield of imaging drum is approximately 50,000 single-sided pages (letter or A4 size paper). There are many factors that determine the actual drum useful life, such as temperature, humidity, type of paper, type of toner used and other variables. The imaging drum unit is replaceable through authorized service provider.

Technical specifications disclaimers

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 Measured using ISO/IEC 17629. 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 HP Auto-On/Auto-Off Technology capabilities subject to printer and settings; May require a firmware upgrade.

⁴ Requires the HP Smart app download. For details on local printing requirements see <http://www.hp.com/go/mobileprinting>. Certain features/software are available in English language only and differ between desktop and mobile applications. Subscription may be required; Subscription may not be available in all countries. See details at: <http://www.HPSmart.com>. Internet access required and must be purchased separately. HP account required for full functionality. List of supported operating systems available in app stores.

⁵ Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported All-in-One or printer prior to printing. Details at <http://www.hp.com/go/mobileprinting>. Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®.

⁶ 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.

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. Energy Star value typically based on measurement of 115V device.

⁸ HP Black Original LaserJet Tank Imaging Drum (introductory ~5,000 page black toner yield provided). For yield information included with your printer, see <http://www.hp.com/go/toneryield>. Yield values measured in accordance with ISO/IEC 19752 and continuous printing. Actual yields vary considerably based on images printed and other factors.

⁹ 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/toneryield>.

¹⁰ Measured using ISO/IEC 24734 Feature Performance Test, 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.

