Datasheet

HP LaserJet Tank 2504dw Printer

High-volume productivity at the lowest cost per page.[2]

Business capabilities with up to 5,000 monochrome pages of pre-filled toner and an ultra-low cost per page[1]

Pre-filled with up to 2 years of Original HP Toner. The HP Toner Tank System makes it easy to refill delivering the lowest cost per page in black and white.[1,2]

Print Speed: Letter: Up to 23 ppm; First Page Out: As fast as 7.9 sec black
Print Resolution: Black (best): Up to 600 x 600 dpi
Standard Connectivity: Hi-Speed USB (compatible with USB 2.0 specifications); Ethernet 10/100 BT; 802.11a/b/g/n (2.4/5 GHz) Wi-Fi radio + BLE
Mobile Printing Capability: HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct printing
Duty cycle: Monthly (letter): Up to 25,000 pages
Display: Icon LCD
Paper Handling: Up to 250 sheet and 10 envelope; Up to 250 sheet and 10 envelope

Get high-quality printing with the lowest cost per page in black and white[2]

- Print up to 5,000 monochrome pages with a full tank of Original HP Toner.[1]
- Save on refills and get the lowest running cost with the ultra-high-yield HP Toner Reload Kit.[1,3]
- Deliver exceptional quality with sharp text and bold blacks, page after page.

Protection for your everyday printing

- HP Wolf Essential Security helps keep your passwords, scans, and prints private, and helps keep your home network safe from hackers looking to gain access.
- Core protection for everyday needs with HP Wolf Essential security

Full features for business-ready capability

- Experience less downtime and refill toner in just 15 seconds with ultra-high yield HP toner refill options[5]
- Speed through multipage documents with automatic two-sided printing.
- Print, scan, and share anytime, anywhere with the best in-class HP Smart app[8]
- Connect seamlessly with self-reset dual-band Wi-Fi. Low maintenance with long-life up to 50,000 page imaging drum[6]

Reduce environmental impact

- HP Toner Refill Systems were designed to use over 75% less plastic.[4]
- Conserve resources and save paper with automatic two-sided printing.
- Low maintenance with long-life up to 50,000 page imaging drum[6]

HP LaserJet Tank 2504dw Printer Technical specifications

Functions	Print
Print speed black[6,7,8]	**Letter:** Up to 23 ppm; **First page out:** As fast as 7.9 sec; **Print speed duplex:** Up to 15 ipm
Print resolution	**Black (best):** Up to 600 x 600 dpi; **Black (fine lines):** Up to 600 x 600 dpi
Print technology	Laser
Print resolution technologies	600 x 400 dpi; 600 x 600 dpi
Standard print languages	PCLmS; URF; PWG
Printer smart software features[2]	Automatic duplex printing, HP Auto-On/Auto-Off, HP Smart App
Standard connectivity	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 + BLE
Network capabilities	Ethernet 10/100Base-TX; built-in WiFi 802.11b/g/n (2.4/5GHz)
Wireless capability	built-in WiFi 802.11b/g/n (2.4/5GHz)
Mobile printing capability[5]	HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct printing
Memory	**Standard:** 64MB; **Maximum:** 64 MB SDRAM
Processor speed	500MHz / **Hard disk:** None
Duty cycle	Monthly letter: Up to 25,000 pages
Recommended monthly page volume	250 to 2500
Media types supported	Plain paper, Heavy paper, Bond paper, Label, Light paper, Envelope
Media weight supported	60 to 163gram cut sheet paper
Media sizes supported	Letter; envelopes (No.10); Legal; Postcard; Double Postcard; Executive; Officio; Custom
Media Sizes Custom	4 x 6 to 8.5 x 14 In / 102 x 152 to 215.9 x 355.6 mm
Paper handling	**Input Capacities:** Up to 250 sheets Standard **Output Capacities:** 100 sheets Standard; N0 transparency support **Duplex Options:** Automatic **Envelope feeder:** No specific envelope feeder. Envelope can be supported in Tray 1 **Standard paper trays:** 1

What's in the box[1]	**2R7F4A** HP LaserJet Tank 2504dw printer, pre-filled with 5,000 monochrome laser pages, Power Cord, Setup Guide, Reference Guide, Regulatory/Support Flyers
Replacement supplies[4]	HP 153A Black LaserJet Tank Toner Reload Kit (Yield ~2500 pages); HP 153X Black LaserJet Tank Toner Reload Kit (Yield ~5000 pages)
Product dimensions	**W x d x h:** 13.7 X 11.2 X 8.46 in / 348.7 X 285 X 214.8 mm; **Maximum:** 13.73X15.37X8.46 in / 432 x 331 x 291mm
Product weight	13.67 lb / 6.2 kg
Warranty features	One-year limited hardware warranty. For more info, please visit us at https://support.hp.com
Ecolabels	Blue Angel; EPEAT® Silver registered
Energy star certified	Yes
Blue Angel Compliance	Yes, Blue Angel DE-UZ 219—only ensured when using Original HP supplies
Sustainable impact specifications[22, 27]	Recyclable through HP Planet Partners; Contains post-consumer recycled plastic
Control panel	Icon LCD; 2 lights (Wifi, Attention); 5 buttons (WiFi, Info, Resume, Cancel, Power)
Display description	Icon LCD
Software included	Downloadable Software from hp.com or 123.hp.com include HP Software Installer, Uninstaller, printer driver and other essential tools
Compatible operating systems	Windows 11; Windows 10; Windows 7; 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	**PC:** Microsoft® Windows® 11, 10, 7 SP1: 32-bit or 64-bit, 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
Power[3]	**Power supply type:** Internal (built-in) Power Supply; **Power requirements:** Printer_110V; RMN：L12543A; Rated Voltage：110-127V; Rated Current：5.2A; Frequency：50/60Hz; **Power consumption[2]:** 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
Acoustics	**Acoustic power emissions:** 6.2 B(A)
Operating environment	**Operating temperature range:** 59 to 90.5°F / 17.5 to 25°C; **Recommended operating temperature:** 63.5 to 77°F / 17.5 to 25°C; **Storage temperature range:** -4 to 140°F / -20 to 60°C; **Operating humidity range:** 10 to 80%RH; **Recommended humidity operating range:** 30 to 70% RH
HP Service and Support options	U04T2E - HP 2y NBD Adv Exchange LJ Tank Mid SVC; U04T3E - HP 3y NBD Adv Exchange LJ Tank Mid SVC; U04T4E - HP 4y NBD Adv Exchange LJ Tank Mid SVC; U04SYE - HP 2y Onsite Exchange LJ Tank Mid SVC; U04SZE - HP 3y Onsite Exchange LJ Tank Mid SVC; U04T0E - HP 4y Onsite Exchange LJ Tank Mid SVC

Learn more at
hp.com

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