



# HP LaserJet Tank 2504dw Printer

High-volume productivity at the lowest cost per page.<sup>2</sup>

Business capabilities with up to 5,000 monochrome pages of pre-filled toner and an ultra-low cost per page<sup>1</sup>

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.<sup>1,2</sup>



**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<sup>2</sup>

- Print up to 5,000 monochrome pages with a full tank of Original HP Toner.<sup>1</sup>
- Save on refills and get the lowest running cost with the ultra-high-yield HP Toner Reload Kit.<sup>1,3</sup>
- 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<sup>5</sup>
- Speed through multipage documents with automatic two-sided printing.
- Print, scan, and share anytime, anywhere with the best in-class HP Smart app<sup>8</sup>
- Connect seamlessly with self-reset dual-band Wi-Fi. Low maintenance with long-life up to 50,000 page imaging drum<sup>6</sup>

## Reduce environmental impact

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



<sup>1</sup> 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 [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies). <sup>2</sup> Based on internal HP comparison of cost-per-page of in-class HP LaserJet Pro M15 and HP LaserJet Pro MFP M28 using standard-fill HP 44A/46A/47A Black Original LaserJet Toner Cartridge. For page yield details see [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies). <sup>3</sup> Toner Reload Kit is not included with the printer, please purchase separately. <sup>4</sup> Over 75% plastic reduction is calculated by comparing the weight of the plastic in HP Neverstop Laser 103/143 A/AD and HP Laser N5 10B A/AD Toner Reload Kit and its packaging. <sup>5</sup> When used in accordance with instructions. Average reload time based on HP internal testing. <sup>6</sup> 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. <sup>7</sup> Requires the HP Smart app download. For details on local printing requirements see [www.hp.com/go/mobileprinting](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 [HPSmart.com](http://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.

## HP LaserJet Tank 2504dw Printer Technical specifications

Functions	Print
Print speed black <sup>6,7,8</sup>	Letter: Up to 23 ppm; <b>First page out:</b> As fast as 7.9 sec; <b>Print speed duplex:</b> Up to 15 ipm
Print resolution	<b>Black (best):</b> Up to 600 x 600 dpi; <b>Black (fine lines):</b> Up to 600 x 600 dpi
Print technology	Laser
Print resolution technologies	600 x 400 dpi; 600 x 600 dpi
Standard print languages	PCLm5; URF; PWG
Printer smart software features <sup>2</sup>	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 <sup>5</sup>	HP Smart App; Apple AirPrint™; Mopria™ Certified; Wi-Fi® Direct printing
Memory	<b>Standard:</b> 64MB; <b>Maximum:</b> 64 MB SDRAM
Processor speed	500MHz / <b>Hard disk:</b> 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	<b>Input Capacities:</b> Up to 250 sheets Standard <b>Output Capacities:</b> 100 sheets Standard; NO transparency support <b>Duplex Options:</b> Automatic <b>Envelope feeder:</b> No specific envelope feeder. Envelope can be supported in Tray 1 <b>Standard paper trays:</b> 1

What's in the box <sup>1</sup>	<b>2R7F4A</b> HP LaserJet Tank 2504dw printer, pre-filled with 5,000 monochrome laser pages, Power Cord, Setup Guide, Reference Guide, Regulatory/Support Flyers
Supplies	W1530A HP 153A Black Original LaserJet Tank Toner Reload Kit; W1530X HP 153X Black Original LaserJet Tank Toner Reload Kit
Product dimensions	<b>W x d x h:</b> 13.7 X 11.2 X 8.46 in / 348.7 X 285 X 214.8 mm; <b>Maximum:</b> 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 <a href="https://support.hp.com">https://support.hp.com</a>
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 <sup>22, 27</sup>	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 <a href="http://hp.com">hp.com</a> 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 <a href="http://developers.hp.com/hp-linux-imaging-and-printing">http://developers.hp.com/hp-linux-imaging-and-printing</a> )
Minimum system requirements	<b>PC:</b> Microsoft® Windows® 11, 10, 7 SP1: 32-bit or 64-bit, 2 GB available hard disk space, Internet connection, Microsoft® Internet Explorer or Edge.; <b>Mac:</b> Apple® macOS v10.15 Catalina, macOS v11 Big Sur, macOS v12 Monterey; 2 GB HD; Internet required
Power <sup>3</sup>	<b>Power supply type:</b> Internal (built-in) Power Supply; <b>Power requirements:</b> 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; <b>Power consumption<sup>2</sup>:</b> 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	<b>Acoustic power emissions:</b> 6.2 B(A)
Operating environment	<b>Operating temperature range:</b> 59 to 90.5°F / 17.5 to 25°C; <b>Recommended operating temperature:</b> 63.5 to 77°F / 17.5 to 25°C; <b>Storage temperature range:</b> -4 to 140°F / -20 to 60°C; <b>Operating humidity range:</b> 10 to 80%RH; <b>Recommended humidity operating range:</b> 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; U04S4E - HP 2y Onsite Exchange LJ Tank Mid SVC; U04S5E - HP 3y Onsite Exchange LJ Tank Mid SVC; U04T0E - HP 4y Onsite Exchange LJ Tank Mid SVC

Learn more at  
[hp.com](http://hp.com)

<sup>1</sup> 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. <sup>2</sup> HP Auto-On/Auto-Off Technology capabilities subject to printer and settings, may require a firmware upgrade. Requires the HP Smart app download. For details on local printing requirements see [www.hp.com/go/mobileprinting](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: [HP Smart.com](http://www.hp.com/go/printerclaims) at Internet access required and must be purchased separately, HP account required for full functionality. List of supported operating systems available in app stores. <sup>3</sup> 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. <sup>4</sup> Wi-Fi Direct® footnote: Mobile device needs to be connected to Wi-Fi Direct® signal of a Wi-Fi Direct-supported AIO or printer prior to printing. Details at [hp.com/go/mobileprinting](http://hp.com/go/mobileprinting). Wi-Fi Direct® is a registered trademark of Wi-Fi Alliance®. <sup>5</sup> 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. <sup>6</sup> 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. <sup>7</sup> 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. <sup>22</sup> Program availability varies. For details, see [www.hp.com/recycle](http://www.hp.com/recycle). <sup>27</sup> Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2

