



# HP Smart Tank 5101 All-in-One Printer

The smarter, more connected tank printer

A printer perfect for Families, HP Smart Tank 5101 refillable all-in-one printer. Designed to be intuitively smart and offers ultra-low cost printing. The HP Smart Tank 5101 comes with up to 2 years of ink, giving families flexibility to print all they need. Stay connected with worry free Wi-Fi and easy setup using HP Smart App.



**ISO Speed:** Black: Up to 12 ppm; Color: Up to 5 ppm  
**Print Resolution:** Black (best): Up to 1200 x 1200 rendered dpi; Color (best): Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)  
**Scan Resolution:** Hardware: Up to 1200 x 1200 dpi; Optical: Up to 1200 dpi  
**Copy Resolution:** Black (text & graphics): Up to 600 dpi; Color (text & graphics): Up to 600 dpi  
**Standard Connectivity:** Bluetooth Low Energy; Hi-Speed USB 2.0 (device); Wi-Fi 802.11b/g/n; Wi-Fi Direct  
**Mobile Printing Capability:** HP Smart app; Apple AirPrint; Mopria Print Service; HP Print Service Plugin (Android printing); Wi-Fi Direct Printing  
**Duty cycle:** Monthly (letter): Up to 3,000 pages  
**Display:** 1.2-inch iCON LCD Display  
**Paper Handling:** 100-sheet input tray; 30-sheet output tray

### Smart tank value

- Up to two years of ink keeps you printing at a fraction of the cost.<sup>3,8</sup>
- Get all the ink you need out of the box with up to 6000 black pages or 6000 color pages.
- Ink sensors help prevent costly printhead replacements

### Ready when you are

- Easy to print, scan and mobile fax from any device with best-in-class Print App<sup>4,1</sup>
- Stay connected and keep printing with self-healing Wi-Fi<sup>4</sup>
- Print and scan on the go from any mobile device<sup>5</sup>

### Conveniently intuitive

- Easy mobile-guided setup<sup>5</sup>
- Color-coded, mess-free recyclable bottles for easy refill<sup>7</sup>
- Save on energy with HP Auto-On/Auto-Off technology<sup>6</sup>



<sup>1</sup> Compared to OEM printing apps for the majority of top-selling, network-capable inkjet/laser printers and all-in-ones for the home and office, priced \$450 USD. Printers selected by market share as reported by IDC Quarterly Hardware Peripherals Tracker - Final Historical CYQ4 2021. Claim based on research of printer manufacturer's print apps and Keypoint Intelligence hands-on testing and study commissioned by HP, July 2022. For details, please see: <http://keypointintelligence.com/HP-SmartTank>. Based on HP's internal analysis of wireless ink tank printers. More compact based on self-healing Wi-Fi, Wi-Fi Direct, and mobile print, scan, and fax capabilities through the HP Smart App as of January 2023. Based upon 200 pages per month of HP Smart Tank customers' usage. Actual yield varies considerably based on content of printed pages and other factors. Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Some ink from included bottles is used to start up the printer. For details, see: [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).  
<sup>2</sup> Wireless operations are compatible with 2.4 GHz operations only. Learn more at [www.hp.com/go/mobileprinting](http://www.hp.com/go/mobileprinting). Wi-Fi is a registered trademark of Wi-Fi Alliance.  
<sup>3</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. For details, see: [www.HPSmart.com](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. Fax capabilities are for sending a fax only.  
<sup>4</sup> HP Auto-On/Auto-Off technology capabilities subject to printer and settings; may require a firmware update.  
<sup>5</sup> Ink bottles can be recycled through HP's Planet Partner Program. Program availability varies. See <http://hp.com/go/recycle>.  
<sup>6</sup> Black and composite color average per bottle (cyan/magenta/yellow) results based on HP methodology and continuous printing of ISO/IEC 24712 test pages. Not based on ISO/IEC 24711 test process. An additional black ink bottle is required to print 6000 color test pages. Actual yield varies based on content of printed pages and other factors. Some ink from included bottles is used to start up the printer. For details, see: [www.hp.com/go/learnaboutsupplies](http://www.hp.com/go/learnaboutsupplies).

## HP Smart Tank 5101 All-in-One Printer Technical specifications

<b>Functions</b>	Print, copy, scan
<b>Print speed<sup>5</sup></b>	<b>Black (ISO):</b> Up to 12 ppm; <b>Color (ISO):</b> Up to 5 ppm
<b>Print resolution</b>	<b>Black (best):</b> Up to 1200 x 1200 rendered dpi; <b>Color (best):</b> Up to 4800 x 1200 optimized dpi color (when printing from a computer and 1200 input dpi)
<b>Print technology</b>	HP Thermal Inkjet
<b>Print cartridges number</b>	4 (1 each black bottle, set of 3 color bottles)
<b>Borderless printing</b>	Yes (up to 8.5 x 11 in, 210 x 297 mm)
<b>Standard print languages</b>	HP PCL 3 GUI; HP PCLm (HP Apps/UPD); URF (AirPrint)
<b>Scan type / Scan technology</b>	Flatbed only / Contact Image Sensor (CIS)
<b>Scan resolution</b>	<b>Hardware:</b> Up to 1200 x 1200 dpi; <b>Optical:</b> Up to 1200 dpi
<b>Scan file format</b>	JPEG; PDF
<b>Scan input modes</b>	Copy; HP Software; EWS
<b>Scan size maximum</b>	<b>Flatbed</b> 8.5 x 11.69 in.; 216 x 297 mm
<b>Bit depth / Grayscale levels</b>	24-bit / 256
<b>Digital sending standard features</b>	Scan to file (from software); HP Smart Tasks
<b>Copy speed<sup>4</sup></b>	<b>Black (ISO):</b> Up to 10 cpm; <b>Color (ISO):</b> Up to 2 cpm
<b>Copy resolution</b>	<b>Black (text and graphics):</b> Up to 600 dpi; Up to 600 dpi; <b>Color (text and graphics):</b> Up to 600 dpi
<b>Maximum number of copies</b>	Up to 99 copies
<b>Copier settings</b>	Actual size; Binding Margin; Color; Black; ID Copy; Resize; Quality (Draft/Normal/Best); Enhancement; Lighter/Darker; Number of Copies
<b>Copier resize</b>	Via HP Smart app
<b>Standard connectivity</b>	Bluetooth Low Energy; Hi-Speed USB 2.0 (device); Wi-Fi 802.11b/g/n; Wi-Fi Direct
<b>Network capabilities</b>	Yes (via Wi-Fi)
<b>Wireless capability</b>	Yes, built-in Wi-Fi 2.4G, Wi-Fi Direct, Bluetooth Low Energy
<b>Mobile printing capability<sup>3</sup></b>	HP Smart app; Apple AirPrint; Mopria Print Service; HP Print Service Plugin (Android printing); Wi-Fi Direct Printing
<b>Memory</b>	<b>Standard:</b> 64 MB Integrated DDR1; <b>Maximum:</b> 64MB
<b>Processor speed</b>	980 MHz/ <b>Hard disk:</b> No
<b>Duty cycle</b>	<b>Monthly, letter:</b> Up to 3,000 pages; <b>Monthly, A4:</b> Up to 3,000 pages
<b>Recommended monthly page volume</b>	400 to 800

<b>Media types supported</b>	Plain paper, Matte Brochure Papers, Glossy Brochure Papers, Photo papers, Envelopes, Other specialty inkjet papers
<b>Media weight supported</b>	Plain paper: 16 to 24 lb; Envelopes: 20 to 24 lb; Cards: up to 110 lb; Photo paper: up to 80 lb; Plain paper: 60 to 90 g/m <sup>2</sup> ; Envelopes: 75 to 90 g/m <sup>2</sup> ; Cards: up to 200 g/m <sup>2</sup> ; Photo paper: up to 300 g/m <sup>2</sup>
<b>Media sizes supported</b>	Letter; legal; 4 x 6 in.; 5 x 7 in.; 8 x 10 in.; No. 10 envelopes; A4; B5; A6; DL envelope, legal
<b>Media Sizes Custom</b>	3.5 x 5 in to 8.5 x 14 in.; 88.9 x 127 to 215.9 x 355.6 mm
<b>Paper handling</b>	<b>Input Capacities:</b> Up to 100 sheets Standard; Up to 10 envelopes; Up to 30 cards; Up to 10 sheets Labels; Up to 100 sheets Legal <b>Output Capacities:</b> Up to 30 sheets Standard; Up to 10 envelopes; Up to 30 cards; Up to 10 sheets Labels; Up to 30 sheets Legal <b>Duplex Options:</b> Manual (driver support provided) <b>Envelope feeder:</b> No <b>Standard paper trays:</b> 1
<b>What's in the box</b>	1F3Y0A HP Smart Tank 5101 All-in-One Printer; HP 32XL 135-ml Black Original Ink Bottle (1VU24AN); HP 31 Tri-color Original Ink Bottle; HP Smart Tank Printhead; Setup Guide, Reference Guide, Ink Caution flyer; Regulatory flyer; Warranty flyer; Power Cord; For more information about fill and yield, see <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a> .
<b>Replacement cartridges<sup>6</sup></b>	North America: HP 32XL 135-ml Black Original Ink Bottle 1VU24AN; HP 31 Cyan Original Ink Bottle 1VU26AN; HP 31 Magenta Original Ink Bottle 1VU27AN; HP 31 Yellow Original Ink Bottle 1VU28AN. For more information about fill and yield, see <a href="http://www.hp.com/go/learnaboutsupplies">http://www.hp.com/go/learnaboutsupplies</a> .
<b>Product dimensions</b>	<b>W x d x h:</b> 17.11 x 14.23 x 6.19 in / 434.66 x 361.53 x 157.26 mm; <b>Maximum:</b> 17.11 x 22.86 x 10.21 in / 495 x 198 x 478 mm
<b>Product weight</b>	11.09 lb; 5.03 kg
<b>Warranty features</b>	One-year or 30,000 pages limited hardware warranty, whichever is earlier from the date of purchase; user replaceable parts have separate warranty periods. For more info, please visit us at <a href="https://support.hp.com">https://support.hp.com</a> .
<b>Energy star certified</b>	Yes
<b>Sustainable impact specifications</b>	45% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered
<b>Control panel</b>	Power On/Off, Cancel, Resume, Color Copy, Black copy, ID copy, Wi-Fi and Info button
<b>Display description</b>	1.2-inch iCON LCD Display
<b>Software included</b>	HP Printer Software
<b>Compatible operating systems</b>	Windows 11; Windows 10; Windows 7; Android; iOS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey
<b>Minimum system requirements</b>	<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
<b>Power<sup>2</sup></b>	<b>Power supply type:</b> Internal built in; <b>Power requirements:</b> Input voltage 100 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3 Hz). High voltage: Input voltage 200 to 240 VAC (+/- 10%), 50/60 Hz (+/- 3Hz); <b>Power consumption:</b> 0.109 watts (manual-Off), 3.023 watts (ready), 1.096 watt (sleep)
<b>Acoustics</b>	<b>Acoustic power emissions:</b> 6.4 B(A); <b>Acoustic pressure emissions:</b> 56.8 dBA (printing at 9ppm)
<b>Operating environment</b>	<b>Operating temperature range:</b> 41 to 104°F / 5 to 40°C; <b>Recommended operating temperature:</b> 59 to 86°F / 15 to 30°C; <b>Storage temperature range:</b> -40 to 140°F / -40 to 60°C; <b>Non-operating humidity range:</b> 5 to 90% RH (non-condensing); <b>Operating humidity range:</b> 15 to 80% RH (non-condensing); <b>Recommended humidity operating range:</b> 20 to 80% RH
<b>Accessories</b>	None
<b>HP Service and Support options</b>	U9NQ9E - HP 2 Year Next Business Day Advance Exchange; UA5C0E - HP 3 Year Next Business Day Advance Exchange; U9NR2E - HP 2 Year Next Business Day Onsite Exchange; UA5C1E - HP 3 Year Next Business Day Onsite Exchange

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

<sup>1</sup> Dimensions vary as per configuration <sup>2</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. <sup>3</sup> Wireless performance is dependent upon physical environment and distance from the access point. Wireless operations are compatible with 2.4 GHz routers only; excludes wireless direct. Wireless direct may require driver or apps be installed and connected on wireless-enabled mobile device or PC. Wireless functionality may vary by computer and mobile operating systems, see <http://hpconnected.com>. Print times and connection speeds may vary. Apple, AirPrint, Mac, and macOS are trademarks of Apple Inc., registered in the U.S. and other countries. Use of the Works with Apple badge means that an accessory has been designed to work specifically with the technology identified in the badge and has been certified by the developer to meet Apple performance standards. Windows is a trademark of the Microsoft group of companies. Mopria®, the Mopria® Logo, and the Mopria Alliance™ word mark and logo are registered and/or unregistered trademarks and service marks of Mopria Alliance, Inc. in the United States and other countries. Unauthorized use is strictly prohibited. <sup>4</sup> Speed specifications have been updated to reflect current industry testing methods. <sup>5</sup> Either after first page or after first set of ISO test pages. For details see: <http://hp.com/go/printerclaims> <sup>6</sup> Average based on ISO/IEC 24711 or HP testing methodology and continuous printing. Actual yield varies considerably based on content of printed pages and other factors. For details see <http://hp.com/go/learnaboutsupplies> <sup>10</sup> Program availability varies. For details, see <http://www.hp.com/recycle>. <sup>11</sup> Post-consumer recycled is based on the definition set in the EPEAT standard for imaging equipment, IEEE 1680.2, and is expressed as percent of total weight of plastic.

