Datasheet

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.[3,8]
- 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[4,1]
- Stay connected and keep printing with self-healing Wi-Fi[4]
- Print and scan on the go from any mobile device[5]

Conveniently intuitive

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

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

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

Media types supported	Plain paper, Matte Brochure Papers, Glossy Brochure Papers, Photo papers, Envelopes, Other specialty inkjet papers
Media weight supported	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/m²; Envelopes: 75 to 90 g/m²; Cards: up to 200 g/m²; Photo paper: up to 300 g/m²
Media sizes supported	Letter; legal; 4 x 6 in; 5 x 7 in; 8 x 10 in; No. 10 envelopes ; A4; B5; A6; DL envelope, legal
Media Sizes Custom	3.5 x 5 in to 8.5 x 14 in ; 88.9 x 127 to 215.9 x 355.6 mm
Paper handling	**Input Capacities:** Up to 100 sheets Standard; Up to 10 envelopes; Up to 30 cards; Up to 10 sheets Labels; Up to 100 sheets Legal **Output Capacities:** Up to 30 sheets Standard; Up to 10 envelopes; Up to 30 cards; Up to 10 sheets Labels; Up to 30 sheets Legal **Duplex Options:** Manual (driver support provided) **Envelope feeder:** No **Standard paper trays:** 1
What's in the box	1F3Y0A HP Smart Tank 5101 All-in-One Printer; HP 32XL 135-ml Black Original Ink Bottle (1VV24AN); 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 http://www.hp.com/go/learnaboutsupplies .
Replacement cartridges[6]	North America: HP 32XL 135-ml Black Original Ink Bottle 1VV24AN; 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 http://www.hp.com/go/learnaboutsupplies .
Product dimensions	**W x d x h:** 17.11 x 14.23 x 6.19 in / 434.66 x 361.53 x 157.26 mm; **Maximum:** 17.11 x 22.86 x 10.21 in / 495 x 198 x 478 mm
Product weight	11.09 lb; 5.03 kg
Warranty features	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 https://support.hp.com .
Energy star certified	Yes
Sustainable impact specifications	45% post-consumer recycled plastic; ENERGY STAR® certified; EPEAT® registered
Control panel	Power On/Off, Cancel, Resume, Color Copy, Black copy, ID copy, WI-FI and Info button
Display description	1.2-inch iCON LCD Display
Software included	HP Printer Software
Compatible operating systems	Windows 11; Windows 10; Windows 7; Android; iOS; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey
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[2]	**Power supply type:** Internal built in; **Power requirements:** 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); **Power consumption:** 0.109 watts (manual-Off), 3.023 watts (ready), 1.096 watt (sleep)
Acoustics	**Acoustic power emissions:** 6.4 B(A); **Acoustic pressure emissions:** 56.8 dBA (printing at 9ppm)
Operating environment	**Operating temperature range:** 41 to 104°F / 5 to 40°C; **Recommended operating temperature:** 59 to 86°F / 15 to 30°C; **Storage temperature range:** -40 to 140°F / -40 to 60°C; **Non-operating humidity range:** 5 to 90% RH (non-condensing); **Operating humidity range:** 15 to 80% RH (non-condensing); **Recommended humidity operating range:** 20 to 80% RH
Accessories	None
HP Service and Support options	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

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