



HP Smart Tank 5103 All-in-One Printer

A tank full of photo memories

There are moments too precious to be tucked away in your phone. So, print the best ones out for all to enjoy. HP Smart Tank printers give you two years of easy, vibrant printing¹ from America's most trusted printer brand.²



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 1,200 dpi
Copy Resolution: Black (text & graphics): Up to 600 dpi; Color (text & graphics): Up to 600 dpi
Standard Connectivity: 1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11b/g/n; 1 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: 3.3 segments + 1.2-inch iCON LCD Display
Paper Handling: 100-sheet input tray; 30-sheet output tray

Print on and on for you and your family

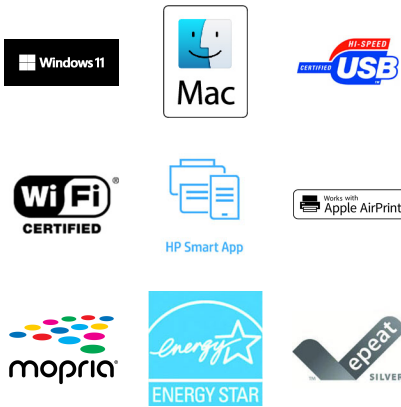
- Two years of easy, vibrant printing to fill your home with one incredible moment after another.
- With two years of ink already included in the box¹, you get everyday, cost-efficient printing.

Vibrant quality plus 100 sheets of photo paper

- Print your favorite memories in vibrant quality and true-to-life colors.
- Instantly print photos with 100-sheets of paper in the box to get you started.

The easiest-to-use tank printers³

- Quickly print pics and docs from home with the best print app.⁴
- Enjoy fast setup and reliable Wi-Fi® that keeps you more connected.⁵
- Go from phone to frame with the easiest-to-use tank printers around.³



¹ 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 yield 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. ² Based on 2022 Q4 shipments in the IDC Worldwide Quarterly Hardcopy Peripherals Tracker[®] 2022 Q4 Release. Includes shipments of all printing devices (inkjet printers, laser printers, copiers and multi-function devices, including production units). ³ Compared to the majority of printers, \$1 and \$1.50. ⁴ Requires HP app downloaded available at www.hp.com/go/mobileprinting. Certain features are available in English language only, and may vary by printer model/country, and between desktop/mobile applications. HP reserves the right to introduce charges for use of functionality facilitated by the HP app. Internet access required and may not be available in all countries. HP account required for full functionality. ⁵ Wi-Fi capabilities are for sending at file only. List of supported operating systems available in app stores. See details at www.hp.com. ⁶ Internet access required and must be purchased separately. Wireless operations are compatible with 2.4 GHz and 5.0 GHz operations only. Supports both 5.0 GHz and 2.4 GHz using up to 11.2 non-overlapping channels vs. only 3 non-overlapping channels for 2.4 GHz only. Supports 5.0 GHz band up to 150 mbps v. 2.4 GHz band up to 72.2 mbps. Learn more at www.hp.com/go/mobileprinting.

HP Smart Tank 5103 All-in-One Printer Technical specifications

Functions	Print, copy, scan
Multitasking supported	No
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
Fax Features	Junk barrier supported: No
Standard connectivity	1 Hi-Speed USB 2.0 (device); 1 Wi-Fi 802.11b/g/n; 1 Wi-Fi Direct
Network capabilities	Yes (via WiFi)
Wireless capability	Yes, built-in Wi-Fi 2.4G, Wi-Fi Direct
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
Media sizes supported	Letter; legal; 4 x 6 in; 5 x 7 in; 8 x 10 in; No. 10 envelopes
Media Sizes Custom	3.5 x 5 in to 8.5 x 14 in
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	5D1B2A HP Smart Tank 5103 All-in-One Printer; HP 32XL 135-ml Black Original Ink Bottle (1V24AN); HP 31 Tri-color Original Ink Bottle; HP Smart Tank Printhead; Setup Guide, Reference Guide, Ink Caution flyer; Regulatory flyer; Warranty flyer; Power Cord; 100 sheets HP Everyday Photo Paper 4 x 6; 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
Warranty features	One-year or 30,000 pages limited hardware warranty, whichever is earlier from the date of purchase. For more info please visit us at http://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	33 segments + 1.2-inch iCON LCD Display
Software included	HP Printer Software
Compatible operating systems	Windows 11; Windows 10; macOS 10.15 Catalina; macOS 11 Big Sur; macOS 12 Monterey systems
Minimum system requirements	PC: 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
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
Operating environment	Operating temperature range: 41 to 104°F; Recommended operating temperature: 59 to 86°F; Storage temperature range: -40 to 140°F; 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 2y NBD Exch AiO Page Limit SVC; U9NR2E - HP 2y Onsite Exch AiO Page Limit SVC; UA5COE - HP 3y NBD Exch AiO Page Limit SVC; UA5C1E - HP 3y Onsite Exch AiO Page Limit SVC

Learn more at
hp.com

¹ Dimensions vary as per configuration ² 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. ³ 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://hp.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. ⁴ Speed specifications have been updated to reflect current industry testing methods. ⁵ Either after first page or after first set of ISO test pages. For details, see: <http://hp.com/go/printerclaims> ⁶ 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> ¹⁰ Program availability varies. For details, see <http://www.hp.com/recycle>. ¹¹ 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.

