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**HP ST 5101 AIO**

# HP Smart Tank 5101 Wireless All-in-One Ink Tank Printer User Manual

Model: ST 5101 AIO

Brand: HP

## PRODUCT OVERVIEW

The HP Smart Tank 5101 Printer is a versatile all-in-one device designed for home and home office use, offering print, copy, and scan functionalities. It features a refillable ink tank system, providing up to 2 years of ink included in the box for high-volume, low-cost printing. The printer supports wireless connectivity for seamless operation across various devices.



*Image: The HP Smart Tank 5101 printer shown with its included ink bottles (black, cyan, magenta, yellow).*

## SETUP

### 1. Unboxing and Initial Preparation

Carefully remove the printer from its packaging. Ensure all protective tapes and packing materials are removed from the exterior and interior of the printer.

# HP Smart Tank 5101

Print  Copy  Scan



Print up to 12 pages per minute black,  
5 pages per minute color



2 years of ink included



Self-healing Wi-Fi® & wireless printing



100-sheet input tray



Mess-free, 15-second ink refill



HP Wolf Essential Security

*Image: An infographic highlighting key features such as print, copy, scan, color printing, 12 ppm black/5 ppm color, 2 years of ink, self-healing Wi-Fi, 100-sheet input tray, mess-free ink refill, and HP Wolf Essential Security.*

## 2. Power Connection

Connect the power cord to the rear of the printer and plug the other end into a wall outlet. Press the power button to turn on the printer. Wait for the Wi-Fi light to blink, indicating it's ready for connection.



# Best everyday print quality



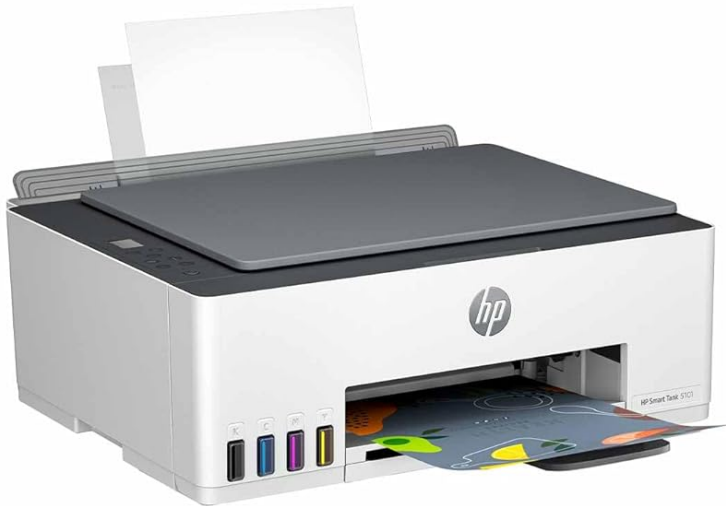
Image: Rear view of the printer showing the power input and USB 2.0 port for PC connection.

## 3. Software Installation

Install the HP Smart app on your computer or mobile device by visiting [123.hp.com](https://123.hp.com). The app is essential for connecting your device to the printer and guiding you through the remaining setup process. Follow the on-screen prompts within the HP Smart app to complete the network connection and printer preparation.

# HP Smart Tank 5101 All-in-One

## Includes 2 years of ink



Power cord



Original HP 32XL Black Ink Bottle  
Original HP 31 Cyan Ink Bottle  
Original HP 31 Magenta Ink Bottle  
Original HP 31 Yellow Ink Bottle

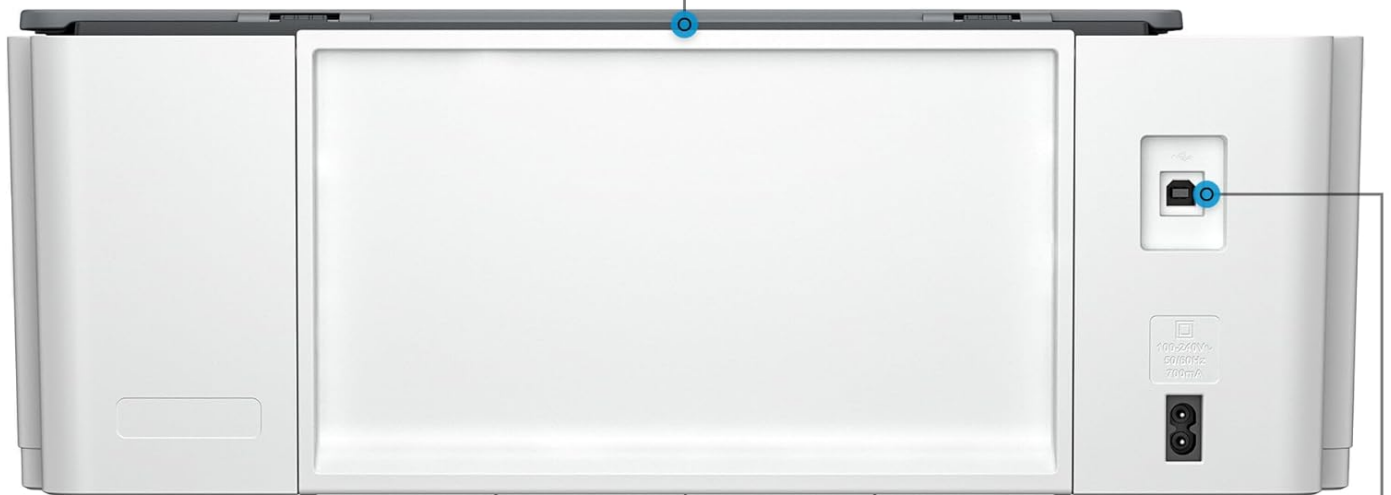
*Image: The HP Smart Tank 5101 printer alongside a smartphone displaying the HP Smart app interface, showing options for print photos, print documents, scan, and ink level monitoring.*

#### 4. Fill Ink Tanks

**Caution: To avoid possible printhead damage, do not install the printheads until you have filled the ink tanks.**

Open the front door of the printer. Open the cap of the ink tank you wish to fill. Twist open the corresponding ink bottle and set the lid aside. Match the color of the ink bottle with the color of the ink tank. Hold the bottle on the tank nozzle, ensuring it fits properly, and let the ink drain until the tank is full. Do not squeeze the bottle. Close the ink tank cap. Repeat for all four ink tanks (Black, Cyan, Magenta, Yellow). All four ink tanks must be filled for the printer to function.

100-sheet input tray



USB 2.0 (for connection to PC)

*Image: A hand pouring ink from a bottle into one of the printer's refillable ink tanks.*

## 5. Install Printheads

Open the front door and wait for the carriage to move to the center. Remove any orange tape from the printhead cover. Press and release the blue latch to open the printhead cover. Remove and discard the orange guard. Remove the printheads from their packaging. Pull the plug straight up from the top of the printheads and remove the tape from the printhead contacts.

**Caution: Do not touch the copper-colored contacts or the ink nozzle. Do not replace the protective tape on the contact. Handling these parts can result in clogs, ink failure, and bad electrical connections.**

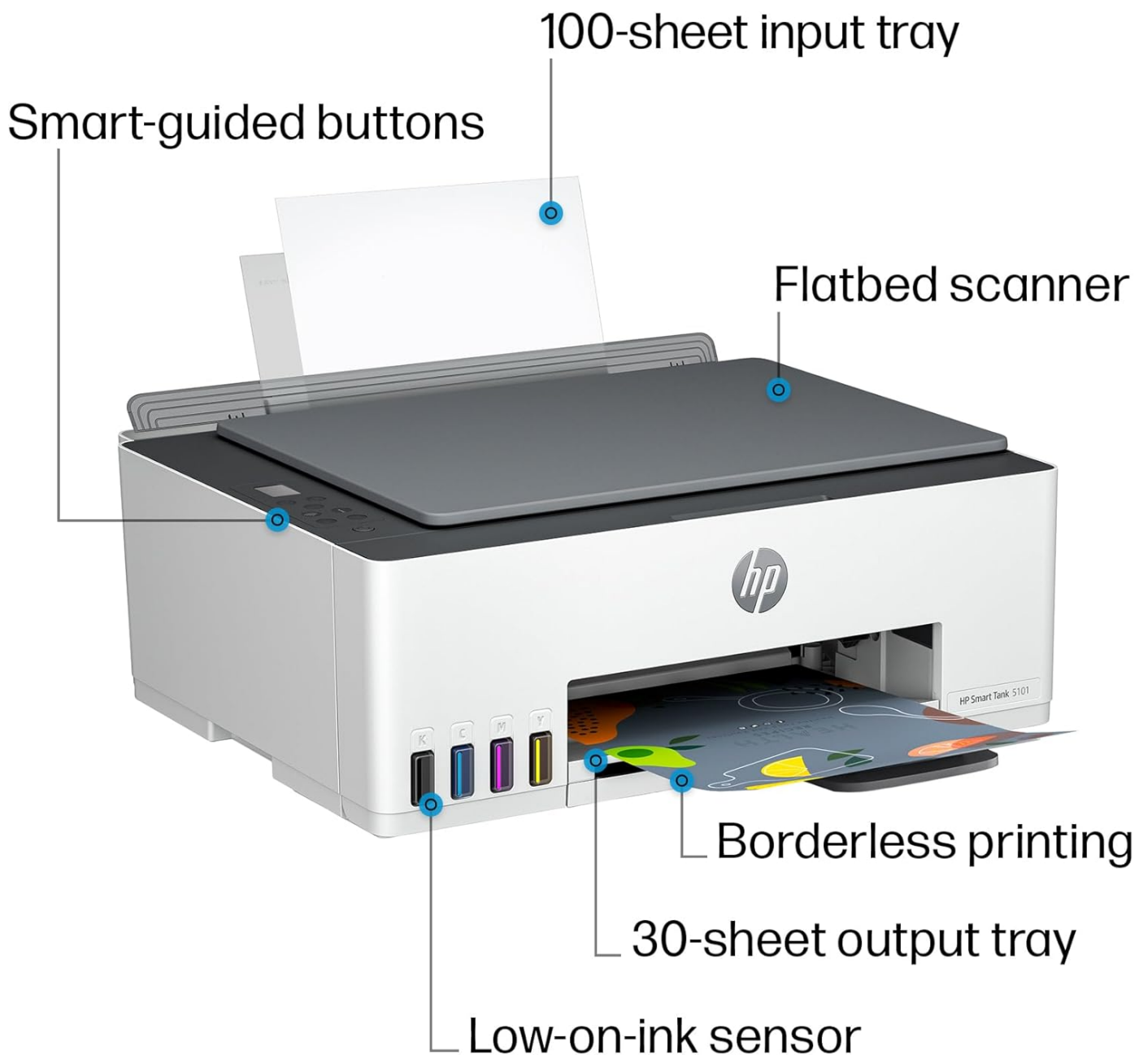
Slide the black printhead into its slot, gently pushing at a slight upward angle until it snaps into place. Repeat for the tri-color printhead. Close the printhead cover and then close the front door.



*Image: An internal view of the HP Smart Tank 5101 with labels pointing to smart-guided buttons, 100-sheet input tray, flatbed scanner, borderless printing, 30-sheet output tray, and low-on-ink sensor.*

## 6. Load Paper and Align Printheads

Raise the input tray. Slide the paper width guide to the left. Load a stack of plain white paper into the input tray. Slide the paper width guide to the right until it touches the paper. Open the output tray extender. After about a minute, an alignment page will automatically print. When the open lid light blinks, open the scanner lid and place the printed page face down. Close the scanner lid. Press the blinking copy button to scan the page. The printer display will show 'A' blinking during the scan and disappear when the printhead alignment is complete.



*Image: The HP Smart Tank 5101 printer with paper loaded in the rear input tray, ready for printing.*

## OPERATING THE PRINTER

### Printing

Print documents and photos directly from your computer, smartphone, or tablet using the HP Smart app. The printer supports borderless printing for photos.

### Copying

Place the document on the scanner glass and use the control panel buttons to initiate a copy. The printer supports up to 99 copies per run.

### Scanning

Use the flatbed scanner to digitize documents and images. Scans can be initiated from the printer's control panel or through the HP Smart app.

## MAINTENANCE

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## Ink Refill

The HP Smart Tank 5101 features a mess-free, 15-second ink refill system. Monitor ink levels via the HP Smart app or the printer's display. When a tank is low, follow the ink filling steps outlined in the Setup section. Store any leftover ink bottles upright in a cool, dry place.



*Image: The HP Smart Tank 5101 printer with its visible ink tanks and the corresponding ink bottles.*

## Printhead Cleaning

The printer is designed for reliable performance. If print quality issues arise, refer to the HP Smart app for troubleshooting steps, which may include printhead cleaning routines.

## TROUBLESHOOTING

### Connectivity Issues

The printer features self-healing Wi-Fi that detects and resolves connectivity issues. If problems persist, ensure your Wi-Fi network is stable and the printer is within range. Use the HP Smart app for guided troubleshooting.

### Print Quality Problems

For issues like streaky prints or faded colors, ensure ink tanks are adequately filled. The HP Smart app provides tools for printhead alignment and cleaning to resolve common print quality concerns.

## SPECIFICATIONS

Feature	Detail
Product Dimensions	14.23"D x 17.11"W x 6.19"H
Item Weight	11.09 pounds
Printing Technology	HP Thermal Inkjet
Max Print Speed (Monochrome)	12 ppm
Max Print Speed (Color)	5 ppm
Maximum Color Print Resolution	4800 x 1200 Dots Per Inch
Scanner Type	Flatbed
Max Input Sheet Capacity	100
Connectivity Technology	Wireless
Included Components	HP Smart Tank 5101 All-in-One Printer, HP 32XL Black Original Ink Bottle (135ml), HP 31 Cyan Original Ink Bottle (50ml), HP 31 Magenta Original Ink Bottle (50ml), HP 31 Yellow Original Ink Bottle (50ml)

## WARRANTY AND SUPPORT

### Warranty Information

The HP Smart Tank 5101 Printer comes with a Limited Warranty. For specific terms and conditions, please refer to the warranty documentation included with your product or visit the official HP support website.

### Customer Support

For additional support, troubleshooting, or to download the latest drivers and software, visit the official HP support website at [123.hp.com](https://123.hp.com). You can also find detailed setup guides and contact information for HP support there.

## ENVIRONMENTAL RESPONSIBILITY

The HP Smart Tank 5101 is made with 45% recycled plastic. HP is committed to protecting, restoring, and managing forests for every page you print.



*Image: A large pile of green plastic bottles, illustrating the use of recycled materials in the product.*