

## HP TPC-Q095-27

# HP 27" FHD Touchscreen Intel Ultra 7 AI All-in-One Desktop User Manual

Model: TPC-Q095-27

## 1. INTRODUCTION

Welcome to the user manual for your new HP 27" FHD Touchscreen Intel Ultra 7 AI All-in-One Desktop. This document provides essential information for setting up, operating, maintaining, and troubleshooting your device. Please read through this manual carefully to ensure optimal performance and longevity of your computer.

## 2. KEY FEATURES

- **Display:** 27-inch Full HD (1920 x 1080) IPS touchscreen with three-sided micro-edge, anti-glare, and 300 nits brightness.
- **Processor:** Intel Core Ultra 7 155U Processor (12 Cores, 14 Threads, 12MB Intel Smart Cache, Base at 1.2 GHz, Up to 4.8 GHz Max Turbo Frequency) with Intel Integrated Graphics.
- **Memory:** 64GB DDR5 RAM for efficient multitasking.
- **Storage:** 2TB PCIe NVMe M.2 Solid State Drive for fast boot times and data access.
- **Operating System:** Pre-installed with Windows 11 Home, offering an intuitive user experience.
- **Connectivity:** Wi-Fi 6 and Bluetooth 5.3 for high-speed wireless connections.
- **Ports:** Includes 1x USB 3.2 Type-C, 2x USB 3.2 Type-A, 2x USB 2.0 Type-A, 1x HDMI, 1x RJ45, and 1x headphone/microphone combo.
- **Webcam:** Integrated IR Camera for video calls.
- **Peripherals:** Comes with a wired keyboard and mouse.
- **External Storage:** Includes a 64GB Flash Drive for additional portable storage.

## 3. SETUP GUIDE

### 3.1 Unpacking and Placement

Carefully remove all components from the packaging. Place the All-in-One desktop on a stable, flat surface with adequate ventilation. Ensure there is enough space around the device for proper airflow.



Figure 3.1: HP 27-inch All-in-One Desktop with included peripherals.

### 3.2 Connecting Peripherals

- Connect the wired keyboard and mouse to the available USB ports on the back of the desktop.
- If using the included 64GB Flash Drive, insert it into an available USB port.

### 3.3 Power Connection

Connect the power adapter to the desktop's power input port, then plug the power cable into a wall outlet. Press the power button, usually located on the side or back of the display, to turn on the computer.

### 3.4 Initial Boot and Windows Setup

Upon the first boot, the system will guide you through the Windows 11 Home setup process. Follow the on-screen instructions to configure your language, region, network settings, and user account.

## 4. OPERATING YOUR HP ALL-IN-ONE

## 4.1 Touchscreen Functionality

Your HP All-in-One features a responsive 27-inch Full HD touchscreen. You can interact with the operating system and applications directly using touch gestures, similar to a tablet or smartphone. Use single taps to select, double taps to open, and swipe gestures for navigation.

## 4.2 Using the Pop-up Webcam

The integrated IR camera is conveniently located at the top of the display. To use it for video calls or other applications, gently press the top edge of the camera module to make it pop up. When not in use, push it back down for privacy and protection.



Figure 4.1: The HP All-in-One desktop in use, highlighting the pop-up webcam for collaboration.

## 4.3 Port Overview

The desktop is equipped with various ports for connecting external devices:

- **USB 3.2 Type-C:** 1 port for high-speed data transfer and device charging.
- **USB 3.2 Type-A:** 2 ports for connecting modern USB devices.

- **USB 2.0 Type-A:** 2 ports for connecting standard USB devices like the included keyboard and mouse.
- **HDMI:** 1 port for connecting an external display.
- **RJ45:** 1 port for wired Ethernet network connection.
- **Headphone/Microphone Combo:** 1 port for audio input/output.

## 4.4 Wireless Connectivity

The desktop supports Wi-Fi 6 for fast and reliable internet access and Bluetooth 5.3 for connecting wireless peripherals such as headphones or speakers.

## 5. MAINTENANCE AND CARE

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### 5.1 Cleaning

- Always power off and unplug the desktop before cleaning.
- Use a soft, lint-free cloth slightly dampened with water or a screen cleaner to wipe the display. Avoid harsh chemicals.
- Use a soft brush or compressed air to clean dust from vents and ports.

### 5.2 Software Updates

Regularly check for and install Windows updates and HP driver updates to ensure system stability, security, and optimal performance.

### 5.3 Data Backup

It is recommended to regularly back up your important data to an external drive or cloud storage to prevent data loss.

## 6. TROUBLESHOOTING COMMON ISSUES

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### 6.1 No Power

- Ensure the power cable is securely connected to both the desktop and the wall outlet.
- Verify the wall outlet is functional by plugging in another device.
- Check the power adapter for any visible damage.

### 6.2 Display Issues

- If the screen is blank, ensure the desktop is powered on.
- Adjust the display brightness settings.
- If colors appear distorted, check for updated graphics drivers.

### 6.3 Peripheral Not Responding

- For wired devices, ensure they are securely plugged into the correct USB ports. Try a different USB port.
- For wireless devices, check battery levels and ensure they are properly paired via Bluetooth or their respective wireless dongle.

### 6.4 Network Connectivity Problems



- For Wi-Fi, ensure your router is working and the desktop is connected to the correct network.
- For wired Ethernet, ensure the RJ45 cable is securely connected to both the desktop and your router/modem.
- Restart your router/modem and the desktop.

## 7. TECHNICAL SPECIFICATIONS

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Feature	Specification
Standing screen display size	27 Inches
Screen Resolution	1920 x 1080 (FHD)
Max Screen Resolution	1920x1080 Pixels
Processor	4.8 GHz Intel_Mobile_CPU (Intel Core Ultra 7 155U)
RAM	64 GB DDR5 RAM
Memory Speed	4800 MHz
Hard Drive	2 TB SSD (PCIe NVMe M.2)
Graphics Coprocessor	Intel Integrated Graphics
Card Description	Integrated
Wireless Type	802.11ax (Wi-Fi 6)
Number of USB 2.0 Ports	2
Number of USB 3.0 Ports	3 (2x USB 3.2 Type-A, 1x USB 3.2 Type-C)
Operating System	Windows 11 Home
Item Weight	13.14 pounds
Product Dimensions	24.11 x 7.34 x 20.35 inches
Color	Black
Model Number	TPC-Q095-27

## 8. WARRANTY AND SUPPORT

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For detailed warranty information, please refer to the warranty card included with your product or visit the official HP support website. If you encounter any issues not covered in the troubleshooting section, please contact HP customer support for assistance.

You can find additional support resources, drivers, and software updates on the [HP Store](#) or the official HP support website.