

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [TOPGRO](#) /

› [TOPGRO T1 Mini Gaming PC User Manual](#)

## TOPGRO T1

# TOPGRO T1 Mini Gaming PC User Manual

Model: T1

## 1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your TOPGRO T1 Mini Gaming PC. The T1 is a compact, high-performance desktop computer designed for gaming, business, and creative tasks. It features a 12th Gen Intel Core i9-12900H processor, NVIDIA GeForce RTX 4060 graphics, 32GB DDR5 RAM, and a 1TB PCIe 4.0 SSD, offering robust performance in a small form factor.



Image: The TOPGRO T1 Mini Gaming PC setup, showcasing its compact design and RGB lighting.

## 2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- T1 Mini Gaming PC (x1)
- Power adapter (x1)
- Power cable (x1)
- HDMI cable (x1)

- SATA HDD Connection Cable (x2)
- USB Memory for Recovery (x1)
- User Manual/Warranty Card (x1)
- Mounting screws (x1 set)



Image: Contents of the TOPGRO T1 Mini Gaming PC package, including the PC, cables, and manual.

### 3. SETUP GUIDE

Follow these steps to set up your TOPGRO T1 Mini Gaming PC:

1. **Connect the Power Adapter:** Plug the power adapter into the DC IN port on the back of the mini PC, then connect the power cable to an electrical outlet.
2. **Connect to Display:** Use the provided HDMI cable to connect your monitor(s) to the HDMI 2.0 ports on the back of the mini PC. The T1 supports up to two 4K@60Hz displays simultaneously.
3. **Connect Peripherals:** Connect your USB keyboard, mouse, and other desired peripherals (e.g., headset, external storage) to the available USB 2.0 and USB 3.0 ports.
4. **Network Connection:** For a wired connection, connect an Ethernet cable to the 2.5Gbps LAN RJ45 port. For wireless, ensure your WiFi 6E router is active.
5. **Power On:** Press the power button located on the front of the mini PC. The RGB light strip will illuminate.



Image: Detailed view of the T1's rich interfaces, showing various ports for connectivity.

## 4. OPERATING INSTRUCTIONS

### 4.1 Power On/Off

- **To Power On:** Press the power button once.
- **To Shut Down:** Click the Windows Start button, then select Power > Shut down. Alternatively, press and hold the power button for 5 seconds to force a shutdown (use only when necessary).

### 4.2 Display Configuration

The T1 supports dual 4K@60Hz displays via its two HDMI 2.0 ports. After connecting your monitors, Windows 11 Pro will automatically detect them. You can configure display settings (e.g., extend, duplicate, resolution) via **Settings > System > Display**.

## NVIDIA GeForce RTX4060 8G

Game, stream, create. The GeForce RTX4060 let you take on the latest games and apps with the ultra-efficient NVIDIA Ada Lovelace architecture. Experience immersive, AI-accelerated gaming with ray tracing and DLSS 3, and supercharge your creative process and productivity with

<b>70W</b> Full Power	<b>8GB</b> GDDR6	<b>RT Core</b> Ray Tracing
<b>DLSS 3</b> Frame improvement	<b>3072</b> CUDA	<b>Tensor Core</b> 4th Gen / AI TOPS

Image: The TOPGRO T1 Mini Gaming PC supporting a multi-monitor 4K display setup.

### 4.3 Network Connectivity

- **Wired (LAN):** Connect an Ethernet cable to the 2.5Gbps LAN port for high-speed internet access.
- **Wireless (WiFi 6E):** Go to **Settings > Network & internet > Wi-Fi**, turn on Wi-Fi, and select your network to

connect.

- **Bluetooth 5.3:** Enable Bluetooth via **Settings > Bluetooth & devices** to connect wireless peripherals.

#### 4.4 RGB Light and Fan Speed Control

The T1 features an RGB light strip and a fan speed control switch. Refer to the specific controls on your device for adjustment. The RGB light strip can be customized for aesthetic preference, and the fan speed can be adjusted to balance cooling performance and noise levels.

### 5. STORAGE AND MEMORY EXPANSION

The TOPGRO T1 Mini Gaming PC offers flexible options for storage and memory upgrades:

- **RAM:** It comes with 32GB DDR5-5200MHz RAM (16GBx2) and can be expanded up to 64GB (32GBx2) using the 2x DDR5 SO-DIMM slots.
- **SSD:** It includes a 1TB M.2 NVMe PCIe 4.0 SSD. There are an additional 2x M.2 2280 SSD slots, allowing for expansion up to 8TB (4TBx2).
- **HDD:** It also supports 1x 2.5" SATA3.0 HDD for up to 2TB of additional storage.

For upgrades, ensure the PC is powered off and disconnected from power. Consult a professional if you are unsure about the installation process.

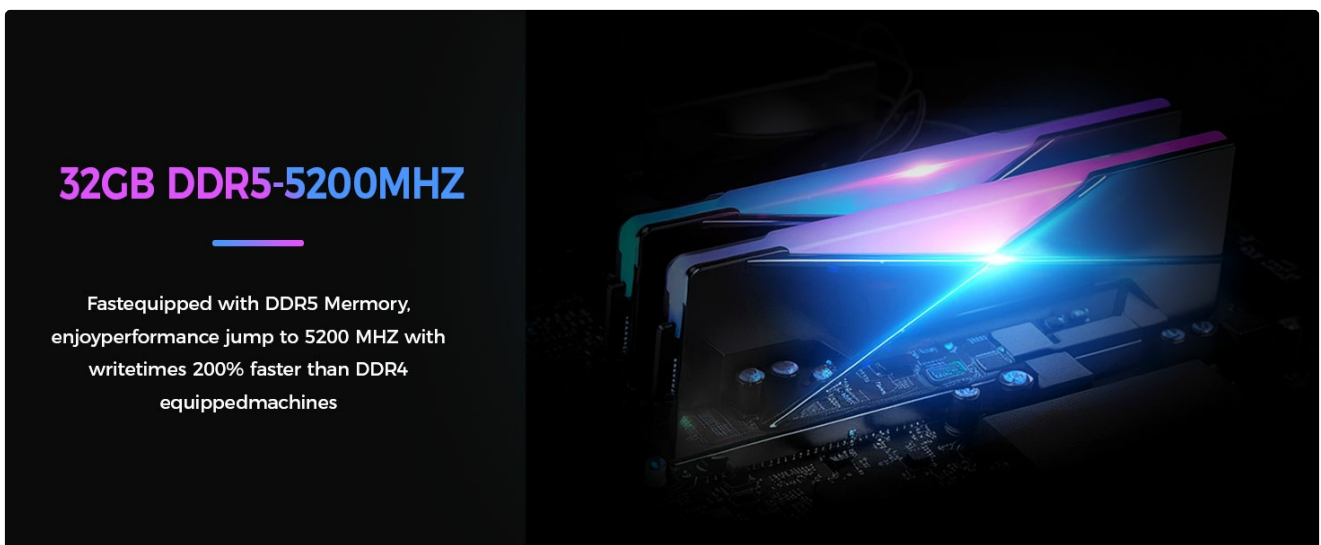


Image: Diagram illustrating the internal expansion slots for M.2 SSDs, DDR5 RAM, and SATA HDD.

### 6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your mini PC:

- **Keep Clean:** Regularly clean the exterior of the PC with a soft, dry cloth. Use compressed air to clear dust from vents and ports to maintain proper airflow.
- **Ensure Ventilation:** Place the PC in a well-ventilated area, avoiding enclosed spaces that can restrict airflow. Do not block the air vents.
- **Software Updates:** Keep your Windows 11 Pro operating system and drivers updated to ensure security and performance.
- **Data Backup:** Regularly back up important data to an external drive or cloud storage to prevent data loss.

- **Power Management:** Use the recommended power adapter and avoid frequent abrupt power cuts.

## 7. TROUBLESHOOTING

If you encounter issues with your TOPGRO T1 Mini Gaming PC, refer to the following common troubleshooting steps:

- **No Power:**
  - Ensure the power adapter is securely connected to both the PC and a working electrical outlet.
  - Verify the power outlet is functional by testing it with another device.
- **No Display:**
  - Check that the HDMI cable(s) are securely connected to both the PC and the monitor(s).
  - Ensure the monitor is powered on and set to the correct input source (HDMI).
  - Try connecting to a different monitor or using a different HDMI cable.
- **No Internet Connection:**
  - **Wired:** Check the Ethernet cable connection and ensure your router/modem is working.
  - **Wireless:** Verify WiFi is enabled in Windows settings and you are connected to the correct network with the correct password. Restart your router.
- **Poor Performance:**
  - Close unnecessary applications running in the background.
  - Ensure Windows and graphics drivers are up to date.
  - Check for overheating; ensure vents are clear and the fan is operating.
- **System Unresponsive:**
  - Press and hold the power button for 5 seconds to force a shutdown, then restart the PC.

If these steps do not resolve the issue, please contact TOPGRO customer support.

## 8. SPECIFICATIONS

Feature	Specification
Processor	Intel Core i9-12900H (14C/20T, up to 5.0GHz)
Graphics	NVIDIA GeForce RTX 4060 (8GB GDDR6)
RAM	32GB DDR5-5200MHz (Expandable to 64GB)
Storage	1TB M.2 NVMe PCIe 4.0 SSD (Expandable up to 8TB via 2x M.2 2280 slots, 2TB via 1x 2.5" SATA3.0 HDD)
Operating System	Windows 11 Pro

Feature	Specification
Wireless Connectivity	WiFi 6E (802.11ax), Bluetooth 5.3
Wired Connectivity	2.5Gbps LAN (RJ45)
Video Output	2 x HDMI 2.0 (4K@60Hz, supports 2 screens)
USB Ports	4 x USB 3.0, 2 x USB 2.0, 1 x USB-C (DP+USB)
Audio Ports	Line Out, Mic In
Dimensions (LxWxH)	10.24 x 1.57 x 11.81 inches (26 x 4 x 30 cm)
Weight	3.08 pounds (1.4 kg)



Image: Detailed specifications of the Intel Core i9-12900H processor.

## 6 Reasons to Choose the T1 Pro

**1TB**  
PCIe4.0 SSD

**32GB**  
DDR5-5200Mhz  
(16GBx2)

**WIFI-6E +2.5Gbps LAN**  
High Speed Communication

Wi-Fi 6

intel

Intel Core  
i9-12900H

nvidia

RTX  
4060

Pro

Windows 11

Image: Detailed specifications of the NVIDIA GeForce RTX 4060 graphics card.

## 9. WARRANTY AND SUPPORT

TOPGRO is committed to customer satisfaction and provides comprehensive support for your T1 Mini Gaming PC.

## 9.1 Warranty Information

Your product includes a warranty card in the package. Please retain your proof of purchase for warranty claims. TOPGRO offers:

- **30-Day Price Protection:** If the price of your purchased product drops within 30 days, you can contact customer service for a refund of the difference.
- **Maintenance Service:** Hassle-free repairs or exchanges for TOPGRO mini PCs at our service centers.

## 9.2 Customer Support

For technical assistance, warranty claims, or any product-related inquiries, please contact us:

- **Email:** [jtopgro@gmail.com](mailto:jtopgro@gmail.com)
- **Online:** Log in to your Amazon account, navigate to "Your Orders," and select "Ask Product Question" for your TOPGRO T1 purchase.
- **Response Time:** We aim to provide customer support within 24 hours.



Image: TOPGRO Warranty Service contact information and process.