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GEEKOM GT13PROI913900HK-161T

GEEKOM GT13 PRO Mini PC (Intel Core i9-13900HK) User Manual

Model: GT13PROI913900HK-161T

1. Introduction

This manual provides essential instructions for setting up, operating, maintaining, and troubleshooting your GEEKOM GT13 PRO Mini PC. Please read this guide thoroughly before using your device to ensure optimal performance and longevity.

2. Package Contents

Verify that all items are present in the package:

- 1 x GEEKOM GT13 PRO Mini PC
- 1 x HDMI Cable
- 1 x Power Adapter
- 1 x VESA Mount and Screws
- 1 x User Guide (this document)



Image: Contents of the GEEKOM GT13 PRO Mini PC package.

3. Setup Instructions

3.1 Connecting Peripherals

1. **Connect Display:** Connect your monitor(s) to the Mini PC using the HDMI ports or USB4 Type-C ports. The GT13 PRO supports up to four displays with 4K resolution via HDMI (4K@60Hz) and 8K resolution via USB4 (8K@30Hz).
2. **Connect Keyboard and Mouse:** Plug your USB keyboard and mouse into the available USB ports on the Mini PC. Alternatively, connect Bluetooth peripherals after initial setup.
3. **Connect Network (Optional):** For a wired connection, connect an Ethernet cable to the RJ45 port. For wireless, Wi-Fi 6E is supported and can be configured after initial boot.
4. **Connect Power:** Plug the power adapter into the DC-in port on the Mini PC, then connect the adapter to a power outlet.



Image: Rear and side view of the GEEKOM GT13 PRO Mini PC highlighting its various ports.

3.2 Initial Power On

1. Press the Power Button located on the front of the Mini PC.
2. Follow the on-screen instructions to complete the Windows 11 Pro setup. This includes selecting your region, language, and setting up user accounts.

4. Operating Instructions

4.1 Power Management

- **Power On:** Press the power button.
- **Shut Down:** Click the Start button in Windows, then select Power > Shut down.
- **Restart:** Click the Start button in Windows, then select Power > Restart.
- **Sleep:** Click the Start button in Windows, then select Power > Sleep.

4.2 Network Connectivity

The GEEKOM GT13 PRO supports both wired and wireless network connections.

- **Wi-Fi 6E:** Access network settings in Windows to connect to available Wi-Fi 6E networks for high-speed wireless internet.
- **Ethernet:** Plug an Ethernet cable into the RJ45 port for a stable 2.5Gbps wired connection.
- **Bluetooth 5.2:** Pair Bluetooth devices such as keyboards, mice, or headphones through Windows Bluetooth settings.



Image: Illustration of Wi-Fi 6E and Bluetooth 5.2 support on the GEEKOM GT13 PRO Mini PC.

4.3 Multi-Display Setup

The Mini PC supports up to four displays simultaneously, offering flexible workspace configurations for productivity or entertainment.

- Connect up to two displays via HDMI 2.0 ports (up to 4K@60Hz).
- Connect up to two additional displays via USB4 Type-C ports (up to 8K@30Hz).
- Configure display settings in Windows (Display Settings) to extend or duplicate your desktop.



Image: The GEEKOM GT13 PRO Mini PC supporting a four-screen display setup.

4.4 USB4 Functionality

The USB4 ports on the GT13 PRO offer high-speed data transfer and power delivery capabilities.

- **Data Transfer:** Up to 40Gbps, significantly faster than USB 3.0.
- **Power Delivery:** Supports power output for compatible devices.
- **Display Output:** Supports up to 8K resolution at 30Hz.



Image: Detailed view of the USB4 ports and their capabilities on the GEEKOM GT13 PRO Mini PC.

4.5 Storage and Memory Expansion

The Mini PC offers options for upgrading its memory and storage.

- **RAM:** Equipped with dual-channel DDR4 SODIMM memory, expandable up to 64GB.
- **SSD:** Features an M.2 2280 PCIe Gen 4x4 SSD, expandable up to 2TB.

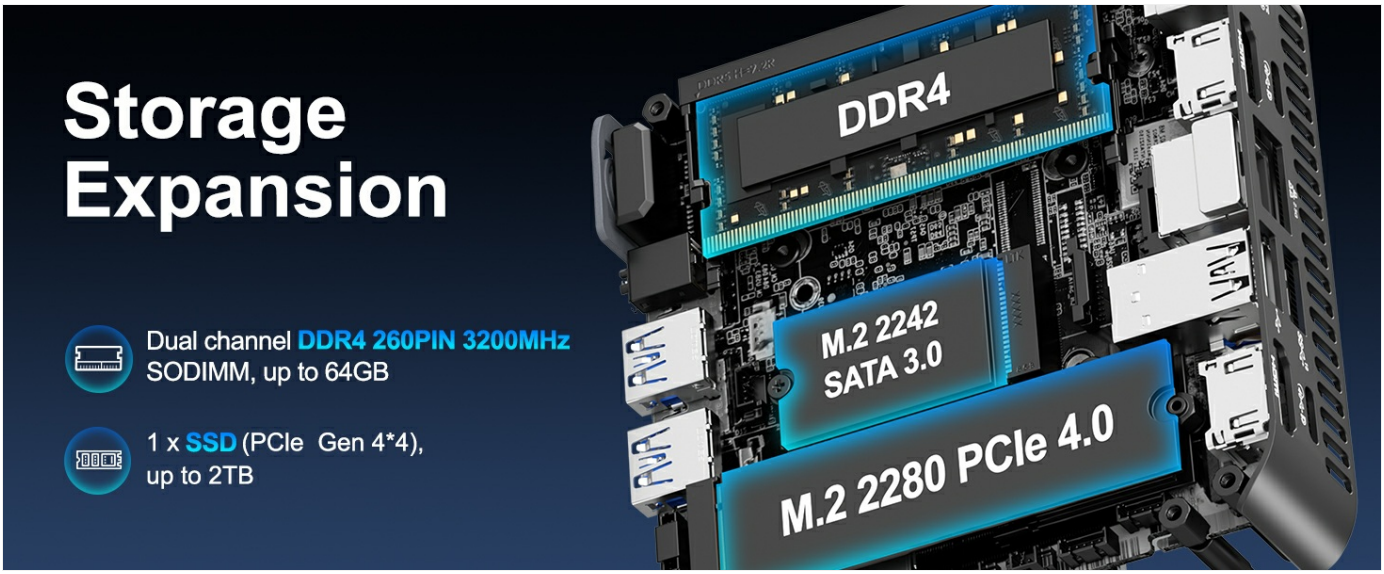


Image: Diagram illustrating the storage and memory expansion capabilities of the GEEKOM GT13 PRO Mini PC.

5. Maintenance

5.1 Cleaning the Device

- Use a soft, dry cloth to wipe the exterior of the Mini PC.
- For dust accumulation in vents, use compressed air sparingly. Ensure the device is powered off before cleaning.
- Avoid using liquid cleaners directly on the device.

5.2 Cooling System (IceBlast)

The GT13 PRO features GEEKOM's IceBlast cooling system, designed for efficient heat dissipation. To maintain optimal cooling performance:

- Ensure proper airflow around the Mini PC. Do not block the ventilation openings.

- Operate the device in a well-ventilated area.

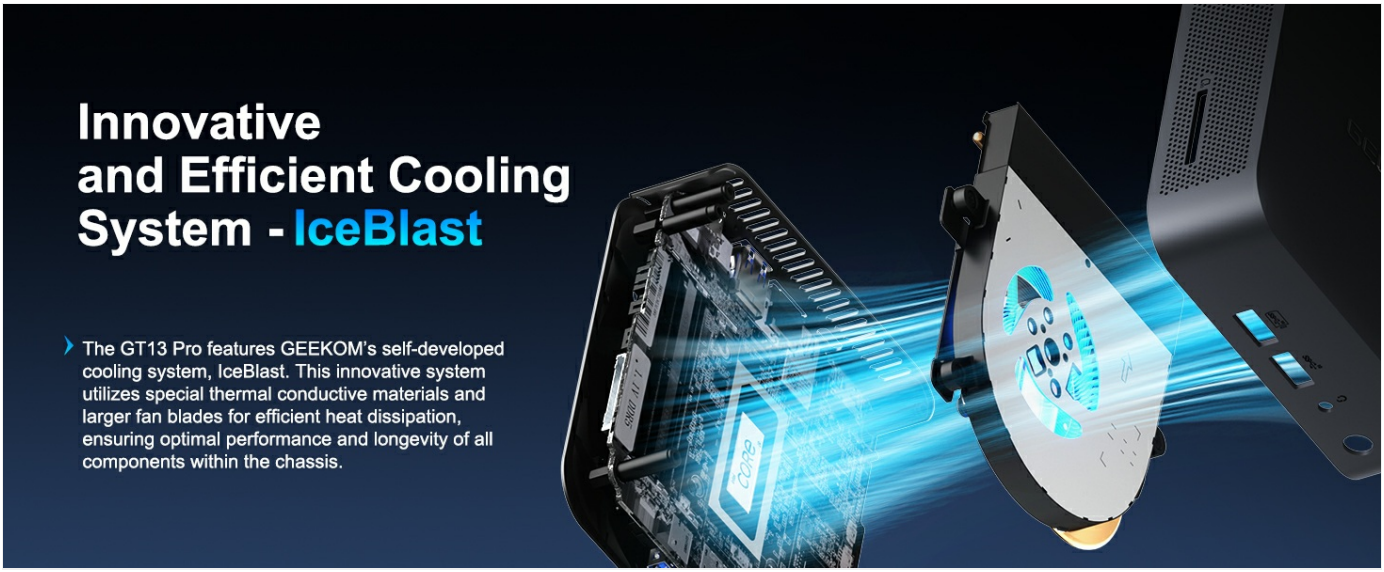


Image: Illustration of the innovative and efficient IceBlast cooling system within the GEEKOM GT13 PRO Mini PC.

5.3 Software Updates

Regularly update your operating system and drivers to ensure security, stability, and optimal performance.

- **Windows Updates:** Go to Settings > Windows Update to check for and install the latest updates.
- **Driver Updates:** Visit the GEEKOM official website for the latest drivers for your GT13 PRO Mini PC.

6. Troubleshooting

This section addresses common issues you might encounter with your GEEKOM GT13 PRO Mini PC.

Problem	Possible Cause	Solution
No power	Power adapter not connected, power outlet issue	Ensure power adapter is securely connected to both the Mini PC and a working power outlet. Try a different outlet.
No display	Monitor not connected, incorrect input source, faulty cable	Check HDMI/USB4 cable connections. Ensure monitor is powered on and set to the correct input source. Try a different cable or monitor.
No network connection (Wi-Fi)	Wi-Fi disabled, incorrect password, router issue	Check Wi-Fi settings in Windows. Ensure correct password is entered. Restart your router.
No network connection (Ethernet)	Ethernet cable disconnected, router issue	Ensure Ethernet cable is securely connected. Check router status.
System slow or unresponsive	Too many applications running, low disk space, outdated drivers	Close unnecessary applications. Free up disk space. Update Windows and drivers. Check for malware.

7. Specifications

Detailed technical specifications for the GEEKOM GT13 PRO Mini PC.

Feature	Detail

Feature	Detail
Processor	Intel Core i9-13900HK (14 Cores, 20 Threads, up to 5.4 GHz)
Graphics	Intel Iris Xe Graphics (Integrated)
RAM	16GB DDR4 (Dual-channel, expandable up to 64GB)
Storage	1TB M.2 2280 PCIe Gen 4x4 SSD (expandable up to 2TB)
Operating System	Windows 11 Pro
Video Output	2 x HDMI 2.0 (4K@60Hz), 2 x USB4 Type-C (8K@30Hz) - Supports up to 4 displays
Connectivity	Wi-Fi 6E, Bluetooth 5.2, 2.5Gbps Ethernet (RJ45)
USB Ports	2 x USB4 Type-C, 3 x USB 3.2 Gen 2 Type-A, 1 x USB 2.0 Type-A
Other Ports	1 x 3.5mm Stereo Headset Jack, 1 x SD Card Reader, 1 x DC-in
Dimensions	4.41 x 1.49 x 4.41 inches
Cooling	IceBlast Cooling System
Power Consumption	45 Watts
Model Number	GT13PROI913900HK-161TB
UPC	810190723555

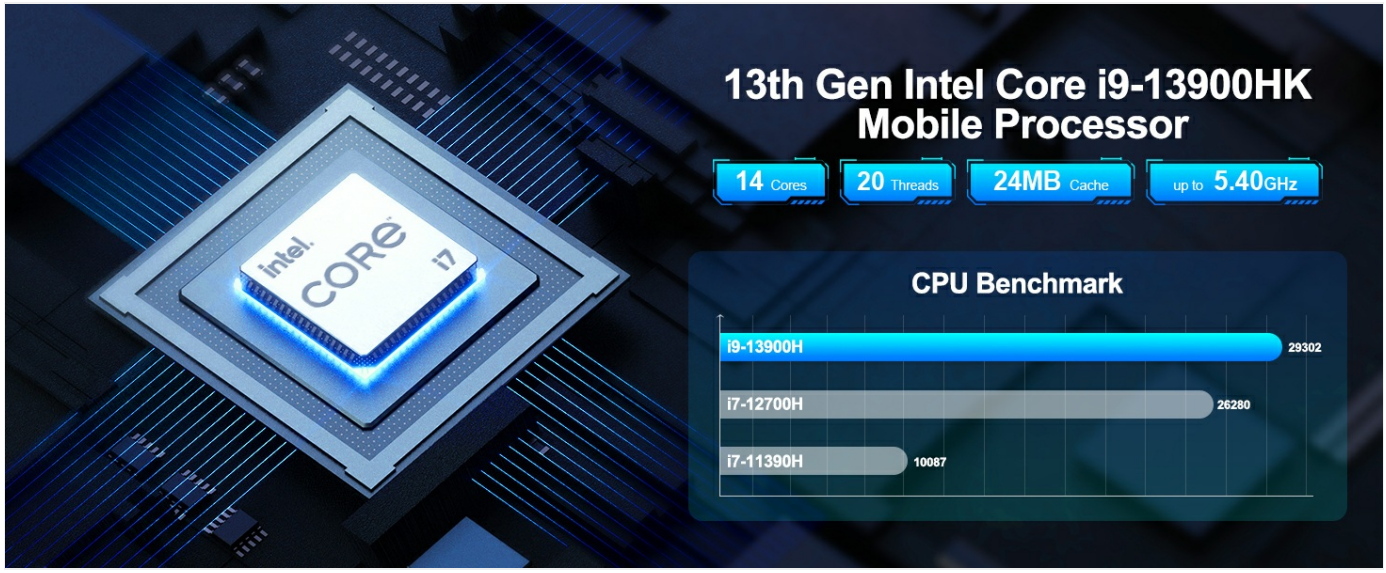


Image: Overview of the Intel Core i9-13900HK Mobile Processor specifications and benchmark.

8. Warranty and Support

8.1 Warranty Information

The GEEKOM GT13 PRO Mini PC comes with a **3-Year Limited Warranty** covering design and workmanship defects. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact GEEKOM customer support through their official website or the retailer where you purchased the product.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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