GEEKOM GT13 Pro

GEEKOM GT13 Pro Mini PC User Manual

Model: GT13 Pro | Brand: GEEKOM

Introduction

Thank you for choosing the GEEKOM GT13 Pro Mini PC. This compact yet powerful computer is designed for a wide range of applications, from daily computing and office tasks to demanding creative work like 4K video editing and graphic design. Featuring a 13th Gen Intel Core i9-13900H processor, ample memory, and high-speed storage, the GT13 Pro delivers exceptional performance in a small form factor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

Product Overview

The GEEKOM GT13 Pro Mini PC is engineered for high performance and versatility. Below are its key features and a detailed look at its connectivity options.

Key Features

- **Powerful Processor:** Equipped with a 13th Gen Intel Core i9-13900H processor (14 cores, 20 threads, up to 5.4 GHz, 24 MB cache) for demanding tasks.
- **Expandable Memory:** Features 32GB DDR4 3200MHz RAM, expandable up to 64GB (32+32), supporting dual-channel operation.
- **High-Speed Storage:** Includes a 2TB PCIe Gen4 SSD and an additional M.2 2242 SATA slot expandable up to 1TB.
- **8K and Quad-Display Support:** Integrated Intel Iris Xe Graphics supports up to four displays via HDMI 2.0 and USB4.0, with 8K/4K@60Hz output.
- **Advanced Connectivity:** Features WiFi 6E (tri-band 2.5G/5G/6G), Bluetooth 5.2, and a 2.5G RJ45 LAN port for fast and stable network connections.
- **Compact Design:** Small footprint (126 cm^2) making it highly portable.
- **Extensive Ports:** Includes USB 3.2 Gen 2, USB 2.0, Type-C (USB4.0), HDMI, and an SD card slot.

Physical Layout and Ports

Familiarize yourself with the physical layout and available ports on your GEEKOM GT13 Pro Mini PC.



Image: The GEEKOM GT13 Pro Mini PC shown from the front with its USB ports and power button, and from the side revealing additional ports.

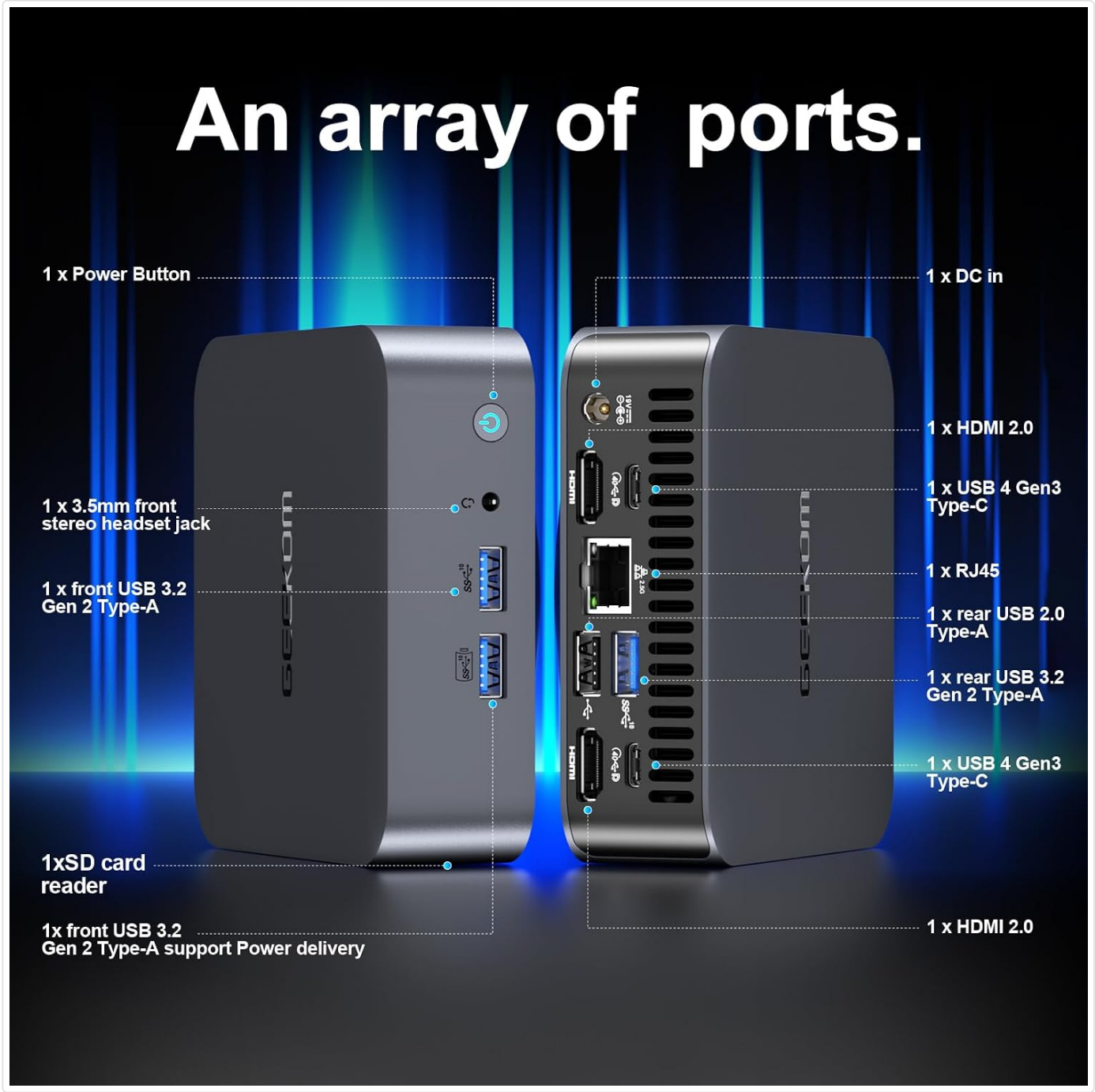


Image: Detailed view of the GEEKOM GT13 Pro Mini PC's front and rear ports. The front includes a power button, 3.5mm stereo headset jack, and USB 3.2 Gen 2 Type-A ports. The rear features a DC-in port, HDMI 2.0 ports, USB4.0 Type-C ports, RJ45 LAN, USB 2.0 Type-A, and USB 3.2 Gen 2 Type-A ports. An SD card reader is also visible on the side.



Image: The GEEKOM GT13 Pro Mini PC demonstrating its capability to connect to four screens simultaneously, supporting 4K and 8K resolutions via HDMI and USB4 ports.



Image: Visual representation highlighting the GEEKOM GT13 Pro Mini PC's support for powerful WiFi 6E and Bluetooth 5.2 for high-speed wireless connectivity.



Image: An internal view of the GEEKOM GT13 Pro Mini PC, illustrating the dual-channel DDR4 SODIMM slots and the M.2 2280 PCIe 4.0 and M.2 2242 SATA 3.0 SSD expansion slots.

Setup Guide

1. **Connect Power:** Plug the power adapter into the DC-in port on the back of the Mini PC, then connect it to a power outlet.
2. **Connect Display:** Connect your monitor(s) to the HDMI or USB4.0 ports on the Mini PC using appropriate cables. The GT13 Pro supports up to four displays.
3. **Connect Peripherals:** Connect your keyboard, mouse, and other USB devices to the available USB 3.2 Gen 2, USB 2.0, or USB4.0 Type-C ports.
4. **Connect Network (Optional):** For a wired connection, plug an Ethernet cable into the RJ45 LAN port. For wireless, ensure your Wi-Fi network is available after booting.
5. **Power On:** Press the power button located on the front of the Mini PC. The power indicator light will illuminate.

6. **Initial Setup:** Follow the on-screen instructions to complete the Windows 11 Pro setup, including language, region, network, and user account creation.

Operating Instructions

Your GEEKOM GT13 Pro Mini PC comes with Windows 11 Pro pre-installed, offering a familiar and intuitive operating environment.

- **Starting Up:** Press the power button. The system will boot into Windows 11 Pro.
- **Shutting Down:** Click the Start button, then Power, and select "Shut down" to properly turn off the system. Avoid forced shutdowns by holding the power button unless necessary.
- **Restarting:** Click the Start button, then Power, and select "Restart" to reboot the system.
- **Sleep Mode:** Click the Start button, then Power, and select "Sleep" to put the system into a low-power state. Press any key or move the mouse to wake it up.
- **Connecting to Wi-Fi:** In Windows, click the network icon in the taskbar, select your desired Wi-Fi network, enter the password, and click Connect.
- **Bluetooth Devices:** Go to Windows Settings > Bluetooth & devices to pair and manage your Bluetooth peripherals.
- **External Storage:** Insert USB drives or SD cards into the respective ports. They will appear as removable drives in File Explorer.

Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your Mini PC.

- **Keep it Clean:** Use a soft, dry cloth to wipe the exterior. For dust in vents, use compressed air. Ensure the device is powered off and unplugged before cleaning.
- **Software Updates:** Regularly check for and install Windows updates and driver updates to ensure system stability and security. Go to Windows Settings > Windows Update.
- **Antivirus Protection:** Keep your antivirus software up-to-date to protect against malware and viruses.
- **Data Backup:** Periodically back up important data to an external drive or cloud storage to prevent data loss.
- **Ventilation:** Ensure the Mini PC is placed in a well-ventilated area and that its vents are not obstructed to prevent overheating.

Troubleshooting

If you encounter issues with your GEEKOM GT13 Pro Mini PC, refer to the following common troubleshooting steps.

- **No Power:**
  - Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
  - Verify the power outlet is functional by plugging in another device.
  - Try a different power outlet if available.
- **No Display:**
  - Check that the monitor is powered on and the correct input source is selected.
  - Ensure the HDMI or USB4.0 cable is securely connected to both the Mini PC and the monitor.
  - Try a different display cable or monitor if possible.
- **No Internet Connection (Wired):**

- Verify the Ethernet cable is properly connected to the RJ45 port on the Mini PC and your router/modem.
- Check the status lights on your router/modem.
- Restart your router/modem.

- **No Internet Connection (Wireless):**
  - Ensure Wi-Fi is enabled in Windows settings.
  - Verify you are connected to the correct Wi-Fi network and have entered the password correctly.
  - Move the Mini PC closer to the Wi-Fi router to improve signal strength.
  - Restart your Wi-Fi router.
- **System Slowdown:**
  - Close unnecessary applications running in the background.
  - Check Task Manager (Ctrl+Shift+Esc) for high CPU, memory, or disk usage.
  - Ensure Windows and drivers are up to date.
  - Run a disk cleanup or defragmentation (for HDD, not necessary for SSD).

Specifications

Detailed technical specifications for the GEEKOM GT13 Pro Mini PC.

Feature	Specification
Brand	GEEKOM
Model Number	GT13 Pro
Operating System	Windows 11 Pro
Processor Brand	Intel
Processor Type	Intel Core i9-13900H (14 Cores, 20 Threads)
Processor Speed	Up to 5.4 GHz
RAM	32 GB DDR4 (3200 MHz)
Max Memory	64 GB
Storage Type	2 TB PCIe Gen4 SSD
Additional Storage Slot	1 x M.2 2242 SATA (up to 1 TB)
Graphics Card	Integrated Intel Iris Xe Graphics
Display Resolution	Up to 8K (7680x4320)
HDMI Ports	2
USB 3.2 Gen 2 Ports	3
USB 2.0 Ports	1
USB4.0 Type-C Ports	2
Network	2.5G RJ45 LAN, Wi-Fi 6E (802.11ax), Bluetooth 5.2
Dimensions (approx.)	12.6 cm x 12.6 cm (base surface)

Feature	Specification
Weight	1.46 kg (packaged)

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your purchase or visit the official GEEKOM website. If you require assistance, please contact GEEKOM customer support directly.

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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

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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.

Submit question