GEEKOM GT13 Pro Intel core i9-13900K-32+1TB

GEEKOM GT13 PRO Mini PC User Manual

Model: GT13 Pro Intel core i9-13900K-32+1TB

1. Product Overview

The GEEKOM GT13 PRO Mini PC is a high-performance desktop computer designed for demanding tasks such as professional creation, 4K video editing, and 3D rendering. Its compact aluminum design houses a powerful Intel Core i9-13900HK processor, ample memory, and fast storage, making it suitable for both office and creative workflows.



Image: Front and rear view of the GEEKOM GT13 PRO Mini PC, showcasing its compact size and various ports.

2. Package Contents

Verify that all items are present in the package before proceeding with setup.

- 1 x GEEKOM GT13 Pro Mini PC with 32GB RAM + 1TB SSD
- 1 x HDMI Cable
- 1 x VESA Mount

- 1 x Power Adapter
- 1 x User Guide (this manual)

Contents of the GEEKOM GT13 PRO Mini PC package

Image: All components included in the GEEKOM GT13 PRO Mini PC retail package.

3. Hardware Features and Ports

The GEEKOM GT13 PRO Mini PC is equipped with a comprehensive array of ports to support various peripherals and display configurations.

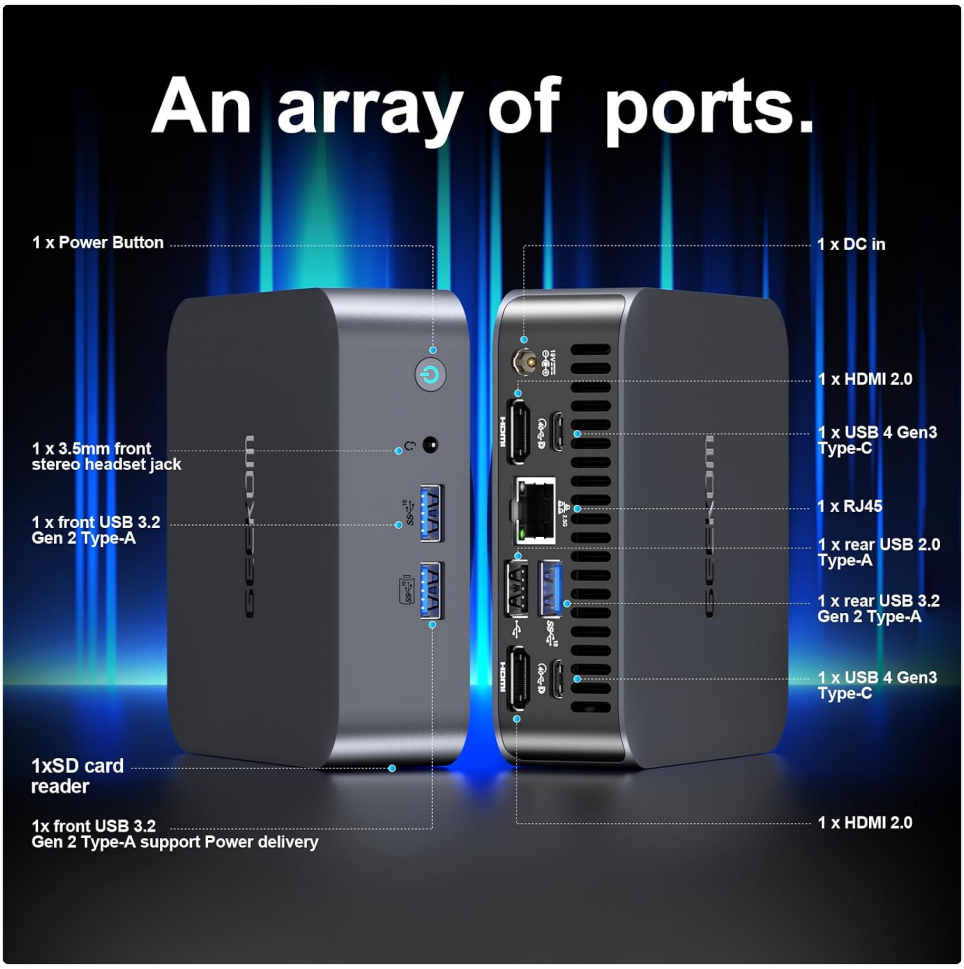


Image: Detailed diagram illustrating the various input/output ports on the GEEKOM GT13 PRO Mini PC, including USB, HDMI, and Ethernet.

- **Front Ports:** Power Button, 3.5mm stereo headset jack, 1x front USB 3.2 Gen 2 Type-A, 1x front USB 3.2 Gen 2 Type-A with Power Delivery, 1x SD card reader.
- **Rear Ports:** DC in, 2x HDMI 2.0, 2x USB4 Gen3 Type-C, 1x RJ45 (2.5Gbps Ethernet), 1x rear USB 3.2 Gen 2 Type-A, 1x rear USB 2.0 Type-A.



Image: Visual representation highlighting the capabilities of the USB4 ports, including 40Gbps data transfer and 8K display support.

4. Setup Guide

4.1 Initial Connection

1. **Connect Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. You can also use USB4 Type-C ports for display output.
2. **Connect Peripherals:** Plug in your keyboard, mouse, and any other USB devices into the available USB ports.
3. **Connect Power:** Connect the power adapter to the DC-in port on the Mini PC, then plug the adapter into a power outlet.
4. **Network Connection:** For a wired connection, connect an Ethernet cable to the RJ45 port. For wireless, Wi-Fi will be configured after initial boot.

4.2 First Boot

Press the power button on the front of the Mini PC. The system will boot into Windows 11 Pro. Follow the on-screen instructions to complete the initial Windows setup, including language, region, and network configuration.

5. Operating Instructions

5.1 Power On/Off

- **Power On:** Press the power button once.
- **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.

5.2 Performance and Usage

The GEEKOM GT13 PRO is designed for high-performance computing. Its Intel Core i9-13900HK processor with 14 cores and 20 threads, boosting up to 5.40GHz, ensures smooth operation for demanding applications.

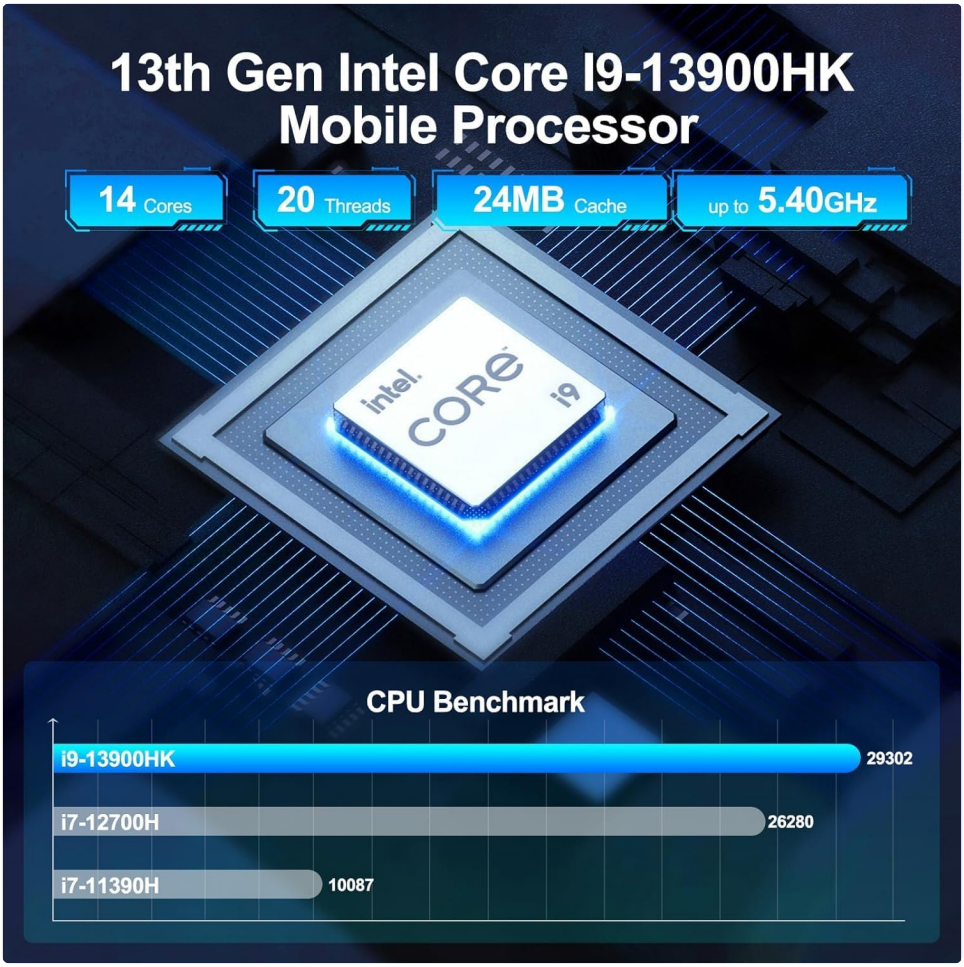


Image: Diagram detailing the 13th Gen Intel Core i9-13900HK Mobile Processor, highlighting its 14 cores, 20 threads, 24MB cache, and up to 5.40GHz clock speed.

With dual-channel 32GB DDR4 RAM (expandable to 64GB) and a 1TB M.2 2280 PCIe Gen 4x4 SSD (expandable to 2TB), the system offers rapid program loading and seamless multitasking.



Image: Illustration of the storage expansion capabilities, showing support for dual-channel DDR4 SODIMM and M.2 2280 PCIe 4.0 SSD.

5.3 Connectivity

The Mini PC features 2.5Gbps Ethernet and Wi-Fi 6E for fast and reliable internet connections, along with Bluetooth 5.2 for wireless peripheral connectivity.



Image: Visual depicting the high-speed Wi-Fi 6E and Bluetooth 5.2 connectivity features of the GEEKOM GT13 PRO.

5.4 Multi-Display Support

The GT13 PRO supports up to four 4K displays via its two USB4 Type-C ports and two HDMI ports, providing an expansive workspace for content creators and multi-tasking users. It supports up to 8K resolution via USB4.



Image: Setup showing the GEEKOM GT13 PRO Mini PC connected to four monitors, demonstrating its 4K and 8K display capabilities.

6. Maintenance

6.1 Cleaning

Regularly clean the exterior of the Mini PC with a soft, dry cloth. For dust accumulation in vents, use compressed air. Ensure the device is powered off and unplugged before cleaning.

6.2 Software Updates

Keep your Windows operating system and drivers updated to ensure optimal performance and security. Windows Update can be accessed via Settings > Windows Update.

6.3 Cooling System

The GT13 Pro features GEEKOM's IceBlast cooling system, utilizing special thermal conductive materials and larger fan blades for efficient heat dissipation. Ensure proper airflow around the device by not obstructing the vents.



Image: Internal view illustrating the IceBlast cooling system components, including thermal materials and fan blades, designed for efficient heat dissipation.

7. Troubleshooting

Problem	Possible Cause	Solution
No power	Power adapter not connected, power outlet issue.	Ensure power adapter is securely connected to the Mini PC and a working power outlet. Try a different outlet.
No display output	Incorrect cable connection, monitor input not selected.	Check HDMI/USB4 cable connections. Ensure monitor is set to the correct input source. Try a different cable or port.
Wi-Fi not connecting	Incorrect password, router issue, driver problem.	Verify Wi-Fi password. Restart your router. Check device manager for Wi-Fi driver status and update if necessary.
System is slow	Too many applications running, low disk space, outdated drivers.	Close unnecessary applications. Free up disk space. Update Windows and drivers.

8. Specifications

Feature	Detail
Processor	Intel Core i9-13900HK (14C/20T, up to 5.4GHz)
RAM	32GB DDR4 (expandable to 64GB)

Feature	Detail
Storage	1TB PCIe 4.0 NVMe SSD (expandable to 2TB)
Graphics	Intel Iris Xe Graphics (Integrated)
Operating System	Windows 11 Pro
Wireless Connectivity	Wi-Fi 6E, Bluetooth 5.2
Wired Connectivity	2.5Gbps Ethernet (RJ45)
Video Output	2x HDMI 2.0 (4K@60Hz), 2x USB4 Type-C (8K@30Hz)
USB Ports	2x USB4 Gen3 Type-C, 3x USB 3.2 Gen 2 Type-A, 1x USB 2.0 Type-A
Audio Port	3.5mm stereo headset jack
Card Reader	SD card reader
Dimensions (LxWxH)	4.41 x 1.49 x 4.41 inches
Weight	3.05 pounds

9. Official Product Video

Watch the official GEEKOM GT13 Pro banner video for a quick overview of the product's features.

Your browser does not support the video tag.

Video: An official GEEKOM banner video showcasing the GT13 Pro Mini PC. This short video provides a dynamic visual introduction to the product.

10. Warranty and Support

The GEEKOM GT13 PRO Mini PC comes with a 3-year limited warranty covering design and workmanship defects. For any inquiries or support, please refer to the following options:

- **Amazon Support:** Log in to your Amazon buyer's account, find your order, click "Get help" to contact the seller.
- **Email Support:** You can also send an email to the GEEKOM after-sales team at shirley.li@geekom.tw.

GEEKOM is committed to providing dedicated after-sales support to ensure your complete satisfaction.

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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