GEEKOM IT13 i9-13900HK,32GB+1TB

GEEKOM IT13 Mini PC 2025 Edition User Manual

Model: IT13 i9-13900HK,32GB+1TB

Introduction

Welcome to the GEEKOM IT13 Mini PC 2025 Edition user manual. This guide provides essential information for setting up, operating, maintaining, and troubleshooting your new mini PC. Designed for powerful performance in a compact form factor, the GEEKOM IT13 is ideal for various applications, from home and office use to creative design and light gaming.

What's in the Box

- 1 x Mini IT13 Mini PC
- 1 x HDMI Cable
- 1 x VESA Mount
- 1 x Power Adapter
- 1 x User Guide



Image: GEEKOM IT13 Mini PC and its standard accessories, including the mini PC unit, HDMI cable, VESA mount, power adapter, and user guide.

Product Overview

Key Features

The GEEKOM IT13 Mini PC is engineered for high performance and versatility. It features the Intel 13th Gen i9-13900HK processor, ample expandable storage, and advanced connectivity options.

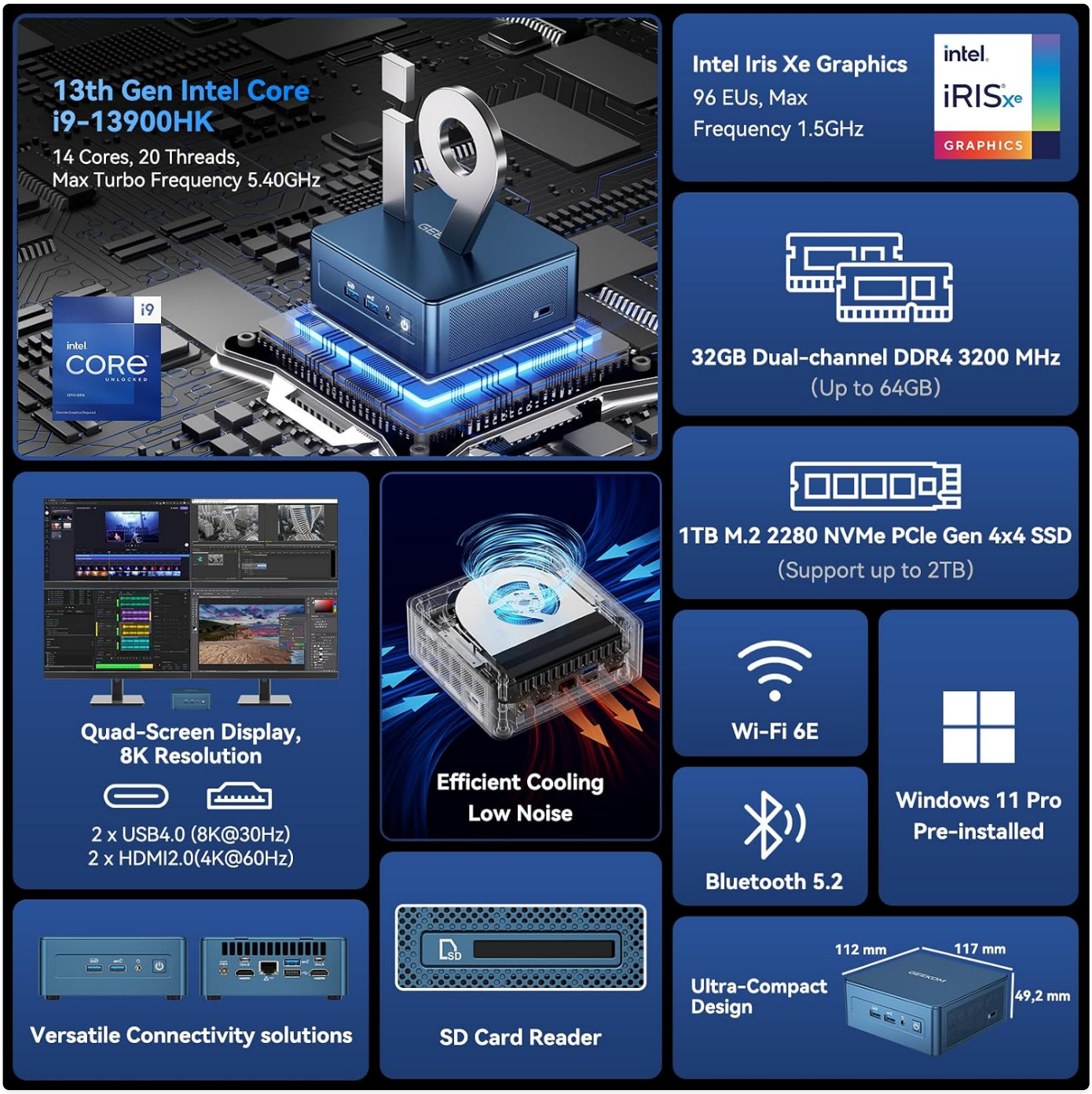


Image: An infographic detailing the GEEKOM IT13's core specifications, including the Intel i9-13900HK processor, 32GB DDR4 RAM, 1TB NVMe SSD, efficient cooling, Wi-Fi 6E, Bluetooth 5.2, and Windows 11 Pro pre-installation.

Processor and Performance

Equipped with the 13th Gen Intel Core i9-13900HK processor (14 cores, 20 threads, 24MB Cache), the IT13 delivers robust performance for demanding tasks. Its architecture ensures smooth operation for graphics, data analysis, and intensive multitasking.

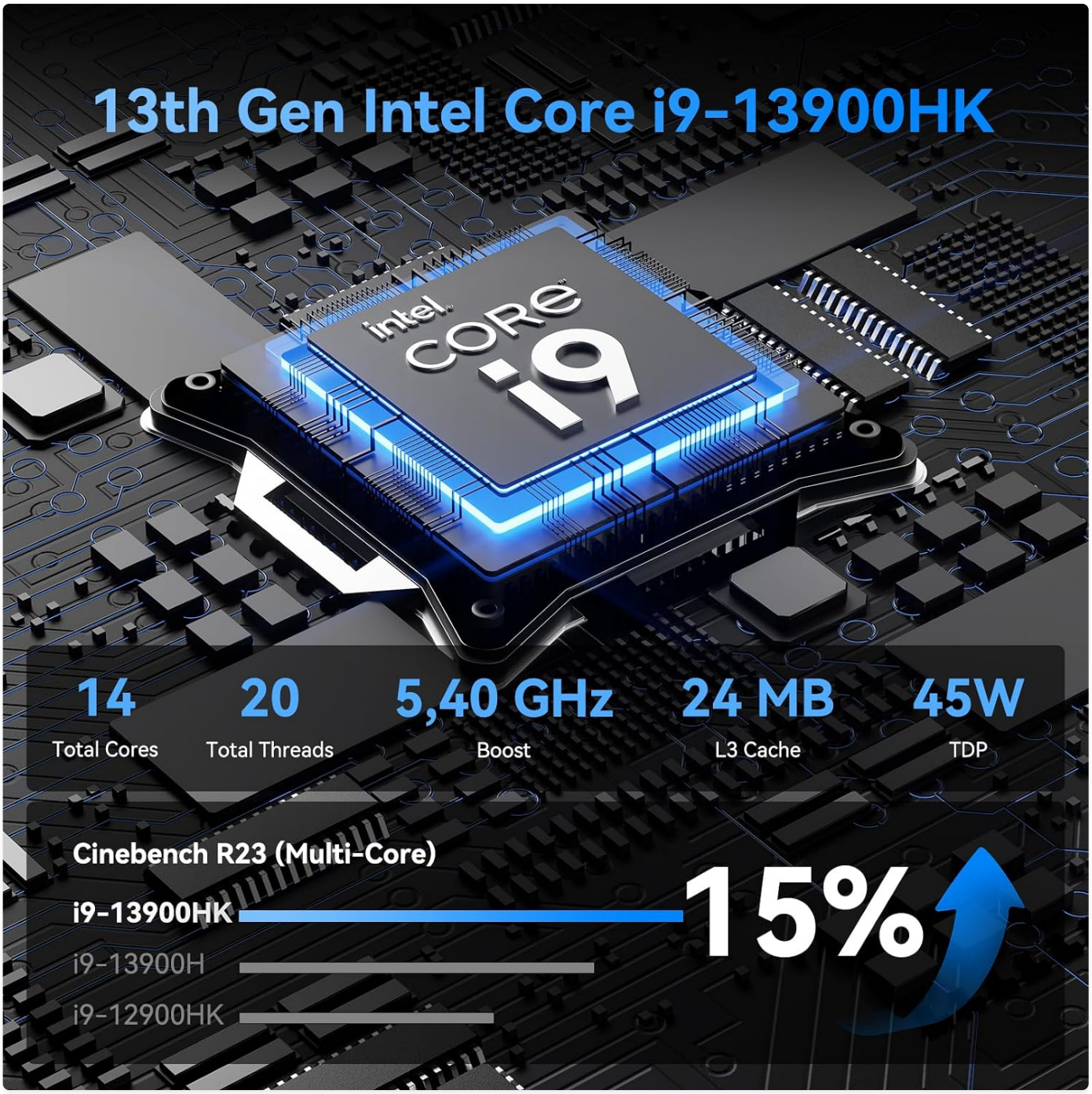


Image: Close-up of the Intel Core i9-13900HK processor, highlighting its 14 cores, 20 threads, 5.4 GHz boost frequency, 24 MB L3 cache, and 45W TDP.

Graphics Capabilities

The integrated Intel Iris Xe Graphics supports 8K UHD resolution and multi-display setups, allowing for up to four screens simultaneously. This is ideal for enhanced productivity, immersive entertainment, and detailed visual work.



Image: The GEEKOM IT13 Mini PC connected to four displays, demonstrating its 8K quad-display support via two USB4 ports and two HDMI 2.0 ports.

Connectivity

The IT13 offers comprehensive connectivity with multiple USB ports, HDMI, and USB4 ports. It also features Wi-Fi 6E and Bluetooth 5.2 for high-speed wireless connections and a 2.5 Gigabit Ethernet port for stable wired networking.

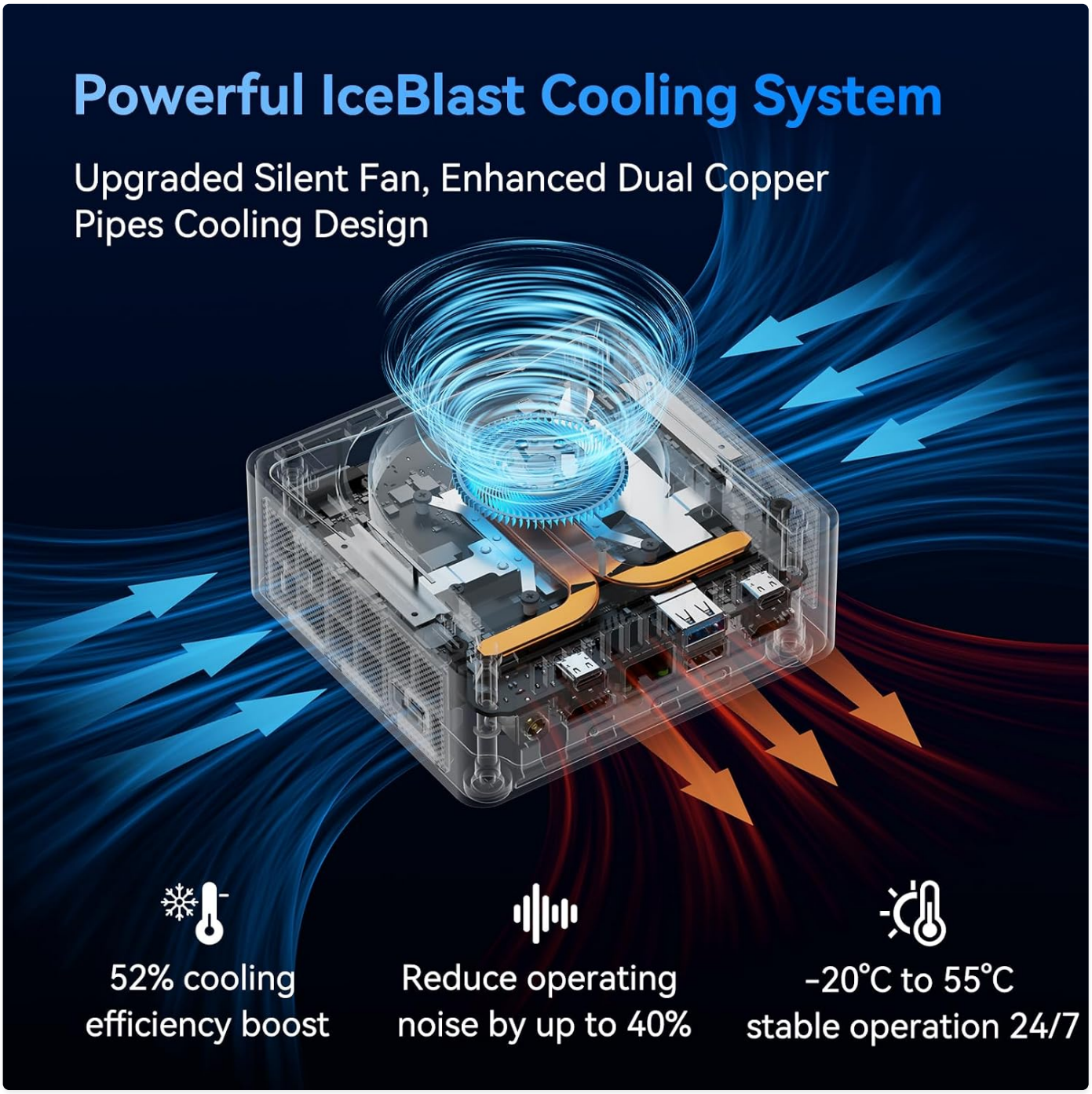


Image: A detailed view of the GEEKOM IT13 Mini PC's rear and side ports, including Kensington Lock, 3.5mm headphone jack, USB 3.2 Gen 2 ports, USB4 ports, DC jack, 2.5GbE LAN port, USB 2.0 port, HDMI 2.0 ports, and an SD card reader.

Cooling System

The integrated IceBlast Cooling System, featuring an upgraded silent fan and enhanced dual copper pipes, ensures efficient heat dissipation and quiet operation, even under heavy workloads.



Image: A transparent diagram illustrating the GEEKOM IT13's IceBlast Cooling System with airflow arrows, highlighting the silent fan and copper heat pipes for efficient cooling.

Expandable Storage

The IT13 offers flexible storage expansion options, including dual-channel DDR4 RAM up to 64GB, an M.2 2280 NVMe PCIe Gen4 SSD slot up to 2TB, an M.2 2242 SATA SSD slot up to 1TB, and a 2.5" SATA HDD slot up to 2TB.

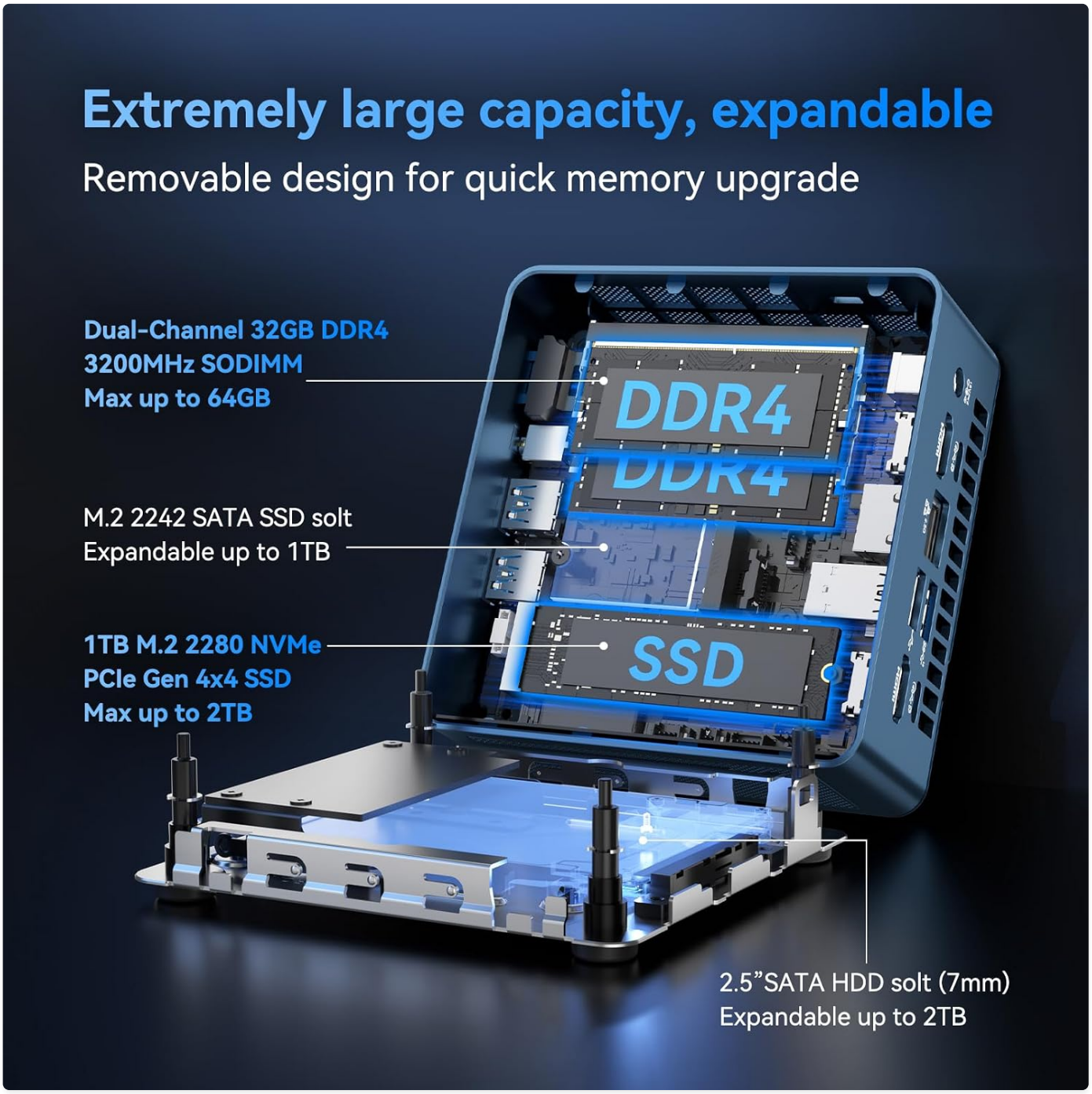


Image: An exploded view of the GEEKOM IT13 Mini PC showing its internal components and various storage expansion slots for DDR4 SODIMM, M.2 2280 NVMe SSD, M.2 2242 SATA SSD, and 2.5" SATA HDD.

Setup

Initial Connection

1. Connect the power adapter to the DC jack on the mini PC and plug it into a power outlet.
2. Connect your monitor(s) to the HDMI or USB4 ports using appropriate cables. The IT13 supports up to four displays.
3. Connect your keyboard and mouse to the available USB ports.
4. For wired internet, connect an Ethernet cable to the 2.5GbE LAN port. For wireless internet, ensure your Wi-Fi network is available.

First Boot

Press the power button located 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, network connection, and user

account creation.

Operating the GEEKOM IT13

Power On/Off

- **Power On:** Press the power button on the front panel.
- **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.

Multi-Display Configuration

The GEEKOM IT13 supports up to four displays simultaneously. To configure multiple displays in Windows 11 Pro:

1. Right-click on an empty area of the desktop and select "Display settings."
2. Under the "Multiple displays" section, you can detect, identify, and arrange your displays.
3. Choose how you want your desktop to appear on the displays (e.g., Extend these displays, Duplicate these displays).

Wireless Connectivity

To connect to a Wi-Fi network:

1. Click the Network icon (Wi-Fi or Ethernet) in the taskbar.
2. Select your desired Wi-Fi network from the list and click "Connect."
3. Enter the network security key if prompted.

To pair Bluetooth devices:

1. Go to Settings > Bluetooth & devices.
2. Ensure Bluetooth is turned On.
3. Click "Add device" and select "Bluetooth" to search for nearby devices.
4. Select your device from the list and follow the pairing instructions.

Maintenance

Keeping Your Mini PC Cool

The GEEKOM IT13 features an advanced cooling system. To ensure optimal performance and longevity, keep the ventilation openings clear of obstructions. Avoid placing the mini PC in enclosed spaces or on soft surfaces that could block airflow.

Storage and Memory Upgrades

The GEEKOM IT13 is designed for easy upgrades. You can expand the RAM, add an M.2 NVMe SSD, an M.2 SATA SSD, or a 2.5-inch SATA HDD. Refer to the detailed instructions in the included user guide for safe installation procedures.

Your browser does not support the video tag.

Video: An official GEEKOM video demonstrating the features and capabilities of the IT13 Mini PC, including its internal components and upgradeability. This video highlights the ease of access for memory and storage expansion.

Troubleshooting

Common Issues and Solutions

Issue	Possible Cause	Solution
No Power	Power adapter not connected properly; power outlet issue.	Ensure power adapter is securely connected to the mini PC and a working power outlet. Try a different outlet.
No Display	Monitor cable loose; incorrect input source on monitor.	Check HDMI/USB4 cable connections. Ensure monitor input source matches the connected port (e.g., HDMI 1, DisplayPort).
Wi-Fi Disconnection	Weak signal; router issue; driver problem.	Move closer to the Wi-Fi router. Restart your router. Check for updated Wi-Fi drivers in Device Manager.
System Slowdown	Too many applications running; insufficient storage; overheating.	Close unnecessary applications. Check disk space. Ensure proper ventilation and clean dust from vents if necessary.

For further assistance, please refer to the Warranty and Support section or contact GEEKOM customer service.

Specifications

Feature	Detail
Processor	Intel 13th Gen Core i9-13900HK (5.4 GHz, 14 Cores, 20 Threads)
Graphics	Intel Iris Xe Graphics
RAM	32 GB DDR4 3200 MHz (Dual-channel, expandable up to 64GB)
Storage	1 TB NVMe PCIe Gen4 SSD (Expandable: 1x M.2 2280 NVMe up to 2TB, 1x M.2 2242 SATA up to 1TB, 1x 2.5" SATA HDD up to 2TB)
Operating System	Windows 11 Pro
Video Output	2 x USB4 (8K@30Hz), 2 x HDMI 2.0 (4K@60Hz) - Supports 4 displays
Wireless Connectivity	Wi-Fi 6E, Bluetooth 5.2
Wired Connectivity	2.5 Gigabit Ethernet (RJ45)
Ports	2 x USB4, 3 x USB 3.2 Gen 2, 1 x USB 2.0, 2 x HDMI 2.0, 1 x 3.5mm Headphone Jack, 1 x SD Card Reader, 1 x Kensington Lock
Dimensions	8.9 x 6.9 x 5.3 inches
Weight	1.44 pounds

Warranty and Support

GEEKOM provides a 3-year warranty for the IT13 Mini PC from the date of purchase, covering failures caused by design or craftsmanship. Our dedicated customer service team is available to assist you.

Contacting Support

- **Online:** Log in to your Amazon buyer's account, find your order, and click "Get help" to contact the seller.
- **Email:** You may also send an email toshirley.li@geekom.tw for direct support.



Image: GEEKOM's warranty and support graphic, illustrating the 3-year quality support which includes 1 year free replacement and 2 years free maintenance.

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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

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.

Submit question