

TRIGKEY G4

TRIGKEY G4 N95 Mini PC User Manual

Model: G4

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1. INTRODUCTION

Thank you for purchasing the TRIGKEY G4 N95 Mini PC. This compact and powerful device is designed for various applications, from home and office use to multimedia entertainment. This manual provides essential information for setting up, operating, and maintaining your Mini PC.

Package Contents

- TRIGKEY G4 N95 Mini PC
- Power Adapter
- HDMI Cable
- VESA Mount (for monitor attachment)
- User Manual
- Screws for HDD/SSD installation

2. SAFETY INFORMATION

- Do not expose the device to moisture, extreme temperatures, or direct sunlight.
- Use only the provided power adapter to prevent damage.
- Avoid blocking ventilation openings to ensure proper cooling.
- Do not attempt to disassemble or repair the device yourself. Contact customer support for assistance.
- Keep the device away from strong magnetic fields.

3. PRODUCT OVERVIEW

The TRIGKEY G4 N95 Mini PC features a compact design with a range of ports for versatile connectivity.

Front and Rear Panel Layout

Rich interfaces design

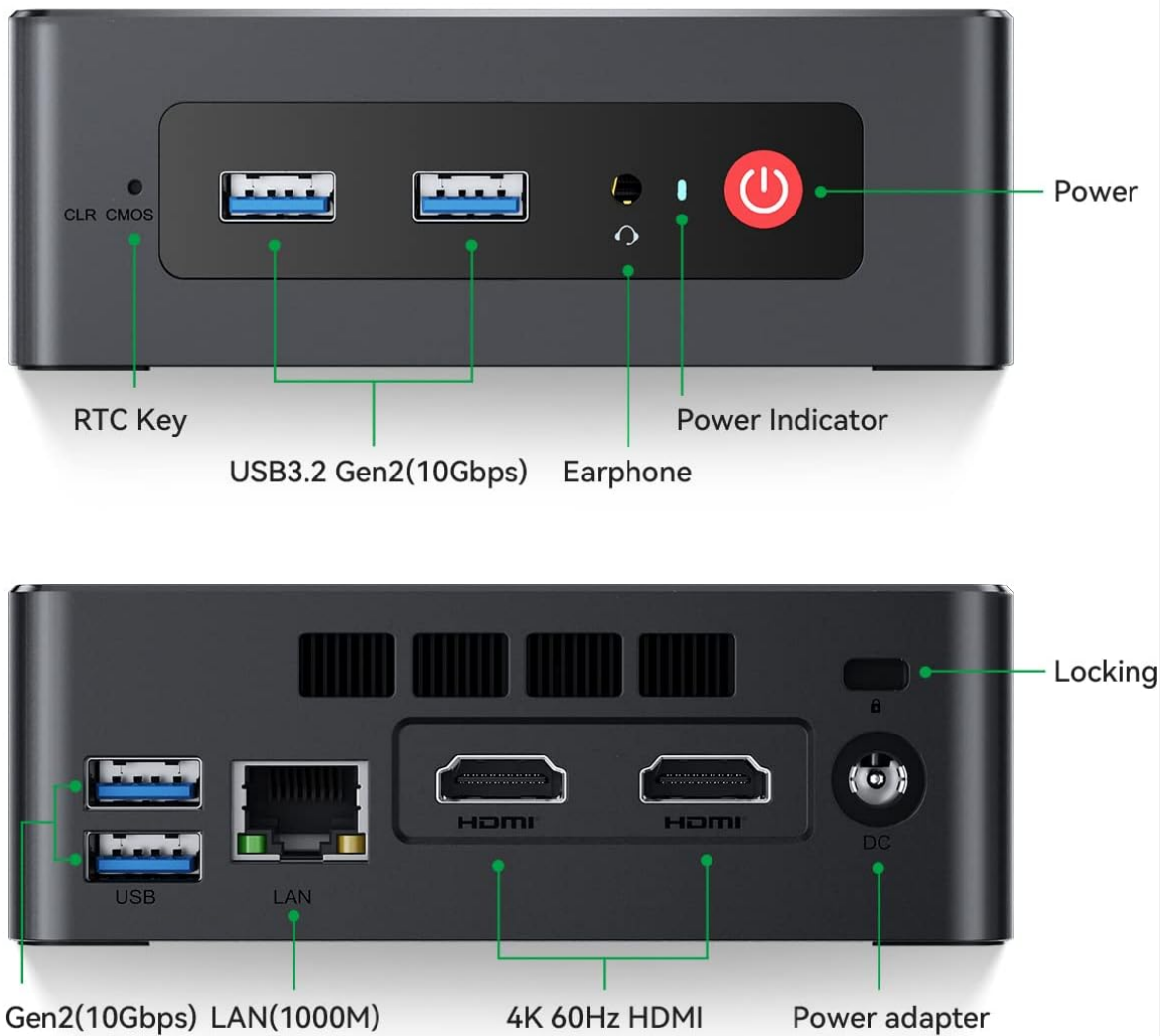


Image: Front and rear view of the TRIGKEY G4 N95 Mini PC, highlighting the various ports.

- **Front Panel:** Power Button, Power Indicator, Earphone Jack, 2x USB 3.2 Gen2 (10Gbps) ports, CLR CMOS (RTC Key).
- **Rear Panel:** DC Power Input, 2x HDMI (4K@60Hz output), LAN (Gigabit Ethernet), 2x USB 3.2 Gen2 (10Gbps) ports, Locking slot.

Internal Components

Internal structure display

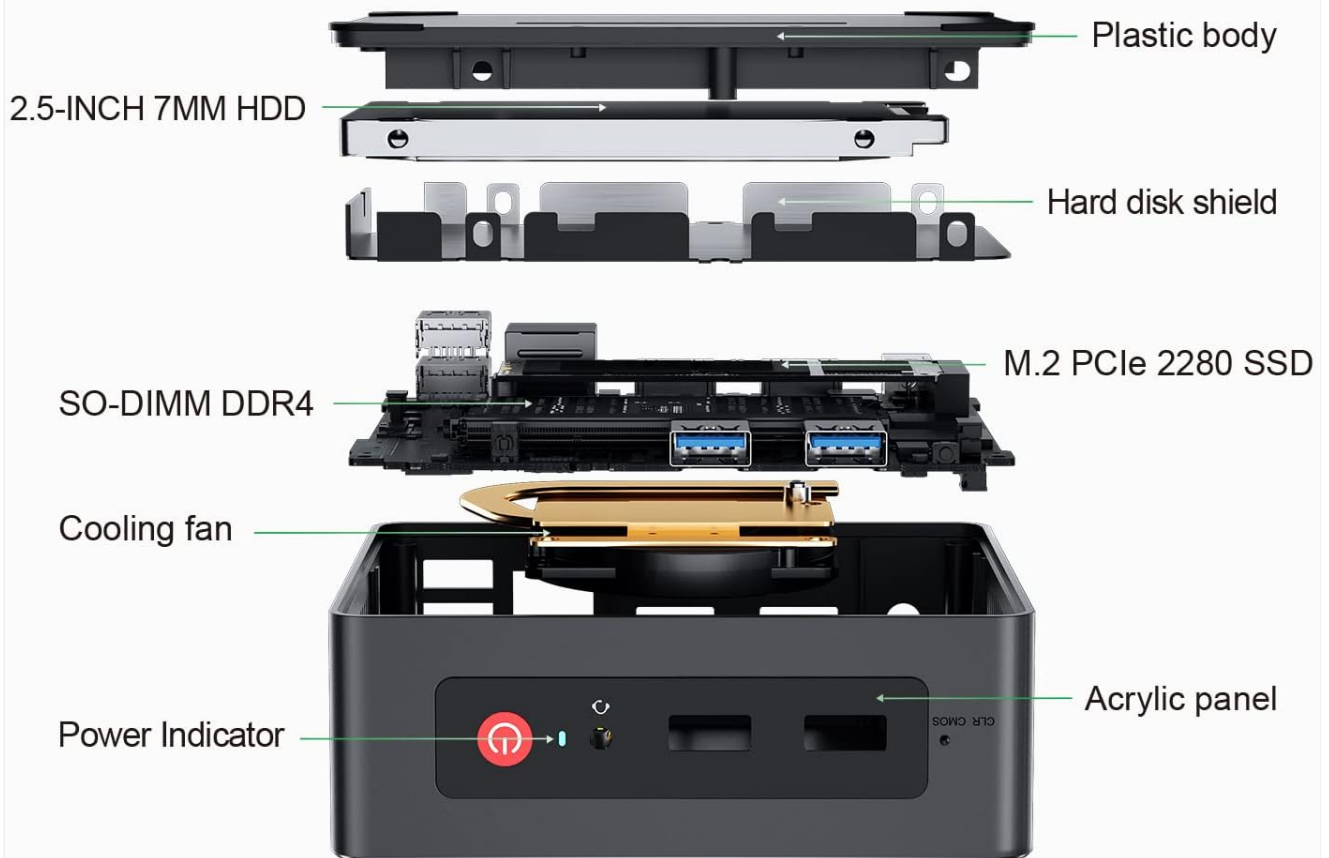


Image: Exploded view of the Mini PC showing internal components like the M.2 PCIe 2280 SSD, SO-DIMM DDR4, cooling fan, and space for a 2.5-inch HDD.

- **Processor:** Intel Alder Lake-N95 (4 Cores/4 Threads, up to 3.4GHz).
- **Memory:** 8GB DDR4 3200MHz SO-DIMM (expandable up to 16GB).
- **Storage:** 256GB M.2 NVMe/SATA SSD (expandable with a 2.5-inch SSD/HDD up to 2TB).
- **Cooling:** Integrated fan cooling system.

4. SETUP GUIDE

4.1 Initial Connection

1. **Connect Monitor:** Use an HDMI cable to connect your monitor(s) to the HDMI ports on the rear panel of the Mini PC.
2. **Connect Peripherals:** Plug in your USB keyboard and mouse into the available USB 3.2 ports.
3. **Connect Network (Optional):** For a wired connection, plug an Ethernet cable into the LAN port. For wireless, ensure your WiFi network is available during OS setup.
4. **Connect Power:** Plug the power adapter into the DC input port on the Mini PC, then plug the adapter into a power outlet.
5. **Power On:** Press the power button on the front panel. The power indicator light will illuminate.

4.2 Operating System Setup

The Mini PC comes with Windows 11 Pro pre-installed. Follow the on-screen instructions to complete the initial setup, including language, region, network connection, and user account creation.

4.3 Storage Expansion (2.5-inch HDD/SSD)

The TRIGKEY G4 N95 Mini PC supports adding a 2.5-inch SATA HDD or SSD (up to 2TB) for additional storage.

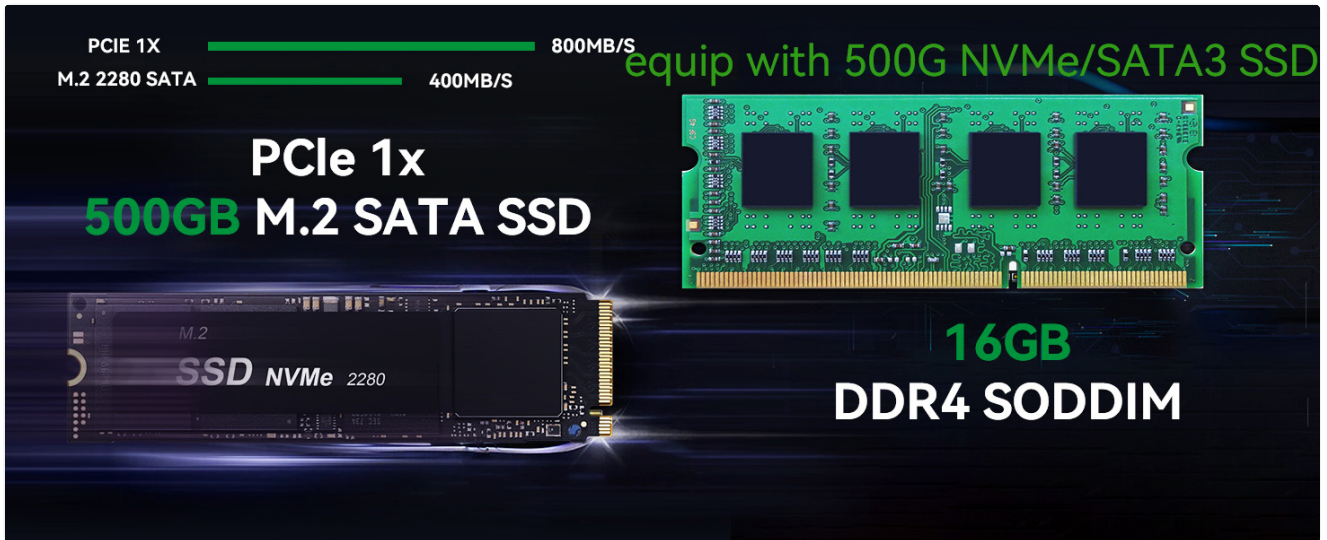


Image: Illustration of the M.2 SSD and the available space for a 2.5-inch drive.

1. **Power Off:** Ensure the Mini PC is powered off and unplugged from the power source.
2. **Unscrew Bottom Panel:** Locate and unscrew the screws on the bottom panel of the Mini PC.
3. **Open Back Panel:** Carefully open the back panel to reveal the internal components and the 2.5-inch drive bay.
4. **Insert HDD/SSD:** Align your 2.5-inch HDD or SSD with the SATA connector in the drive bay and gently push it into place.
5. **Secure Drive:** Use the provided screws to secure the HDD/SSD to the mounting bracket.
6. **Reinstall Panel:** Close the back panel and re-secure it with the screws.

5. OPERATION

5.1 Power On/Off

- **Power On:** Press the power button on the front panel.
- **Power Off:** From the operating system, select 'Shut down'. Alternatively, press and hold the power button for 5 seconds to force a shutdown (use only when necessary).

5.2 Dual Display Setup

The Mini PC supports dual 4K@60Hz display output via its two HDMI ports.

Dual screen display



Supporting two different screen displays, HDMI supports 4K display resolution of 3840*2160; 4 times more than Full HD (FHD.1920*1080); 9 times more than HD (HD.1280*720).



Image: The Mini PC connected to two monitors, demonstrating dual screen display capability.

1. Connect both monitors to the HDMI ports on the Mini PC.
2. Once the operating system loads, right-click on the desktop and select 'Display settings'.
3. You can configure the display mode (Extend, Duplicate, Show only on 1 or 2) and resolution for each monitor.

5.3 Wireless Connectivity

The Mini PC features dual-band WiFi 5 (2.4G + 5.0G) and Bluetooth 4.2.



Image: The Mini PC with WiFi signal icon, illustrating its wireless connectivity.

- **WiFi:** Access network settings in Windows to connect to your preferred wireless network.
- **Bluetooth:** Enable Bluetooth in Windows settings to pair with compatible devices like keyboards, mice, or headphones.

6. MAINTENANCE

6.1 Cleaning

- Use a soft, dry cloth to clean the exterior of the Mini PC.
- For dust accumulation in ventilation areas, use compressed air. Ensure the device is powered off before cleaning.

6.2 Software Updates

Regularly update your operating system and drivers to ensure optimal performance and security. Windows Update can manage most system updates automatically.

6.3 Noise and Cooling Performance

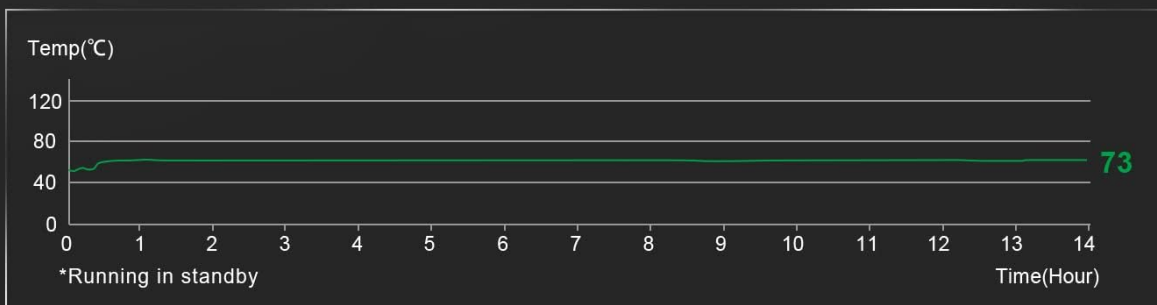
Noise and cooling performance



Software	Adobe Illustrator	Adobe Photoshop	Office	Standby mode
15cm	31-33dB	29-32dB	24-28dB	19-23dB
30cm	30-32dB	25-28dB	18-22dB	12-18dB

0-20dB hardly feel; 20-40dB quiet, as if whispering softly; 40-60dB ordinary indoor talk; 60-70dB noisy and nerve-wounding.

Office	Power point	Excel	Word	Watch video
Temp	55-65°C	51-65°C	52-61°C	52-63°C
Design	CorelDRAW	Dreamweaver	Adobe Photoshop	Adobe illustrator
Temp	53-62°C	60-68°C	56-67°C	54-65°C



Test environment: CPU-Intel Alder Lake N95 Processor with Intel® UHD Graphics, Memory-8G-3200MHz, SSD-PCIe 256G, 1080p, 40°C in the high temperature chamber.

Image: Chart showing typical noise levels and CPU temperatures under various workloads and standby mode.

The Mini PC features a built-in fan cooling system. Under normal operating conditions, noise levels are minimal. Ensure proper ventilation to maintain optimal operating temperatures.

7. TROUBLESHOOTING

Problem	Possible Solution
No display on monitor	Check HDMI cable connections. Ensure monitor is powered on and set to the correct input. Try a different HDMI port or cable.
Mini PC does not power on	Verify power adapter is securely connected to both the PC and the power outlet. Try a different power outlet.
No internet connection (WiFi)	Check WiFi settings in Windows. Ensure your router is working correctly. Restart the Mini PC and router.
No internet connection (Ethernet)	Check Ethernet cable connection. Verify router/modem status.

Problem	Possible Solution
Peripherals (keyboard/mouse) not working	Ensure USB devices are properly connected. Try different USB ports. For Bluetooth devices, re-pair them in Windows settings.
System is slow or unresponsive	Close unnecessary applications. Check for background processes. Ensure sufficient free storage space. Update drivers and OS.

8. SPECIFICATIONS

Feature	Detail
Processor	Intel Alder Lake-N95 (12th Gen), 4 Cores/4 Threads, up to 3.4 GHz
Graphics	Intel UHD Graphics
Memory	8GB DDR4 3200MHz SO-DIMM (Single Channel, expandable up to 16GB)
Storage	256GB M.2 NVMe/SATA SSD (Expandable with 2.5-inch SSD/HDD up to 2TB)
Operating System	Windows 11 Pro (supports Linux, Ubuntu)
Video Output	2x HDMI (4K@60Hz Dual Output)
USB Ports	4x USB 3.2 Gen2 (10Gbps)
Network	Gigabit Ethernet (RJ45), WiFi 5 (802.11ac, 2.4G + 5.0G)
Bluetooth	Bluetooth 4.2
Audio	1x Earphone Jack
Dimensions	4.52 x 4.01 x 1.61 inches
Cooling	Built-in Fan

9. WARRANTY AND SUPPORT

TRIGKEY is committed to providing excellent customer service and support for your Mini PC.



Image: Icons representing TRIGKEY's support commitments.

- **Quick Reply:** Expect a response to your inquiries within 24 hours.
- **Return Policy:** Enjoy a 30-day no-reason return period.
- **Replacement:** Replacement units are available within 12 months of purchase.

- **Technical Support:** Benefit from lifetime after-sales service and technical support.

Contact Us

If you encounter any problems or have questions, please contact TRIGKEY customer service through the platform where you purchased the product or visit the official TRIGKEY website for support resources.



Image: Icons indicating various contact methods for TRIGKEY support.