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Beelink S13

Beelink MINI-S13 Mini PC User Manual

Model: S13 | Brand: Beelink

1. INTRODUCTION

Welcome to the user manual for your new Beelink MINI-S13 Mini PC. This compact and powerful mini computer is designed for efficient office work, home entertainment, and various computing tasks. Equipped with the latest Intel Alder Lake N100 processor, 16GB DDR4 RAM, and a 500GB NVMe SSD, it offers robust performance in a small form factor. This manual provides essential information on setting up, operating, maintaining, and troubleshooting your device to ensure optimal performance and longevity.



MINI S13

13th Generation Light Office Mini PC

Intel® Twin Lake N150 Processor

Max **25W**



Figure 1.1: Beelink MINI-S13 Mini PC - A compact and powerful solution for office and home use.

2. SAFETY INFORMATION

Please read the following safety precautions carefully before using your Beelink MINI-S13 Mini PC.

- **Power Supply:** Use only the original power adapter provided with the device. Using an incompatible power adapter may damage the device and void your warranty.
- **Ventilation:** Ensure proper ventilation around the Mini PC. Do not block ventilation openings. Avoid placing the device in enclosed spaces or on soft surfaces that may obstruct airflow.
- **Environment:** Operate the device in a clean, dry environment, away from direct sunlight, heat sources, and excessive moisture. Avoid extreme temperatures.
- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth. Do not use liquid cleaners or aerosol sprays.
- **Disassembly:** Do not attempt to disassemble or repair the device yourself. Refer all servicing to qualified personnel.
- **Liquid Contact:** Keep the device away from liquids. In case of accidental liquid contact, immediately disconnect

power and seek professional assistance.

3. PACKAGE CONTENTS

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

- Beelink MINI-S13 Mini PC
- Power Adapter (12V/3A)
- HDMI Cable (100CM)
- Wall-Mounted Bracket
- Pack of Screws
- User Manual (this document)

4. PRODUCT OVERVIEW

Familiarize yourself with the various ports and components of your Beelink MINI-S13 Mini PC.

Rich interface design

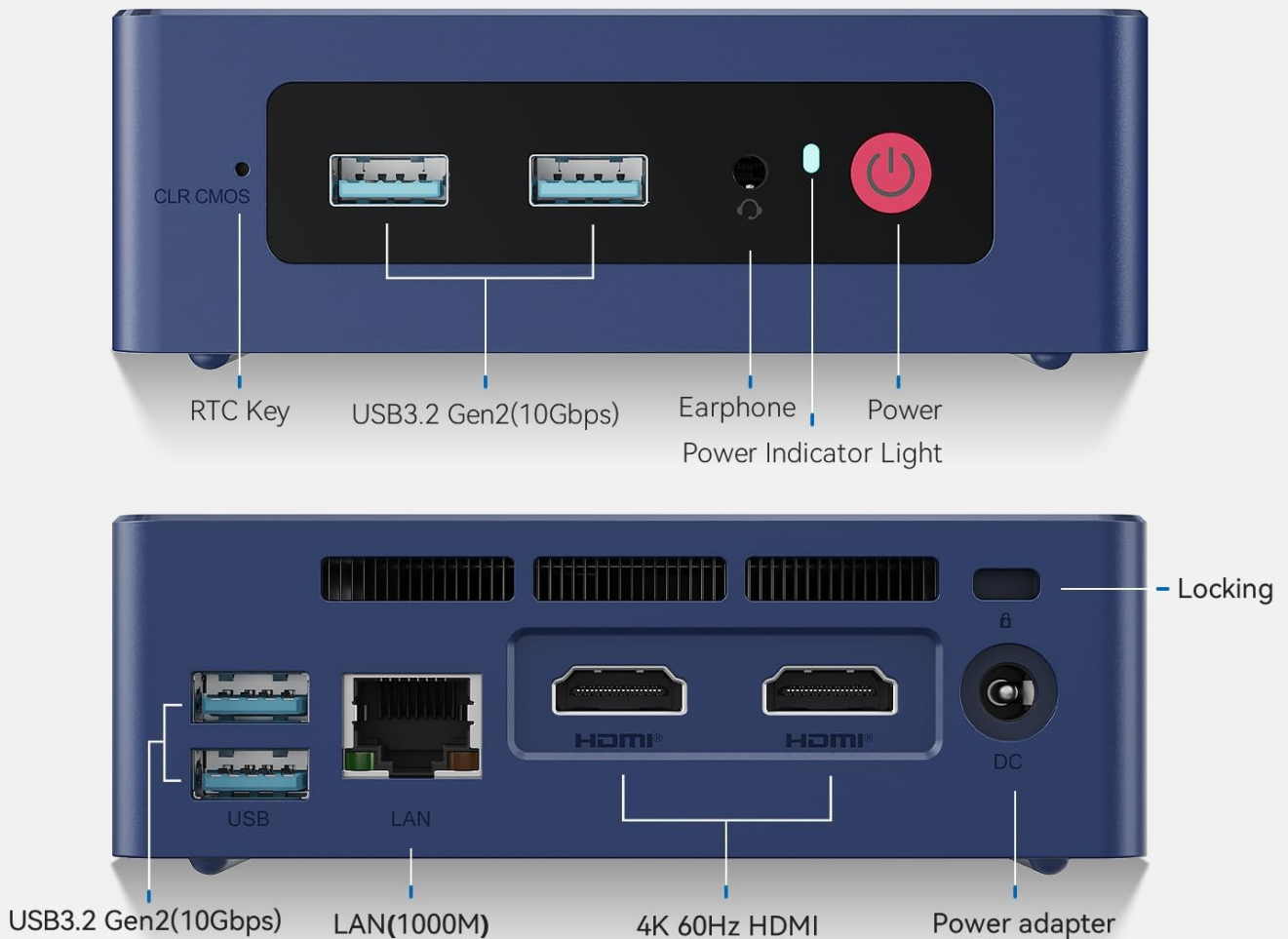


Figure 4.1: Front and Rear Panel Layout

Front Panel:

- **CLR CMOS Button:** Used to clear CMOS settings.
- **USB3.2 Gen2 (10Gbps) Ports (x2):** High-speed USB ports for connecting peripherals.
- **Earphone Jack:** For connecting headphones or external speakers.
- **Power Button:** To power on/off the device.
- **Power Indicator Light:** Indicates the power status of the device.

Rear Panel:

- **Locking Slot:** For security lock.
- **DC Power Input:** Connect the power adapter here.
- **HDMI Ports (x2):** For connecting to displays (supports 4K@60Hz).
- **LAN (1000M) Port:** For wired network connection.

- **USB3.2 Gen2 (10Gbps) Ports (x2):** Additional high-speed USB ports.

Internal Components:

SO-DIMM DDR4 3200MHz

High quality memory Stable operation

Single-channel support up to 16GB,Optional single-channel 8/16GB memory.

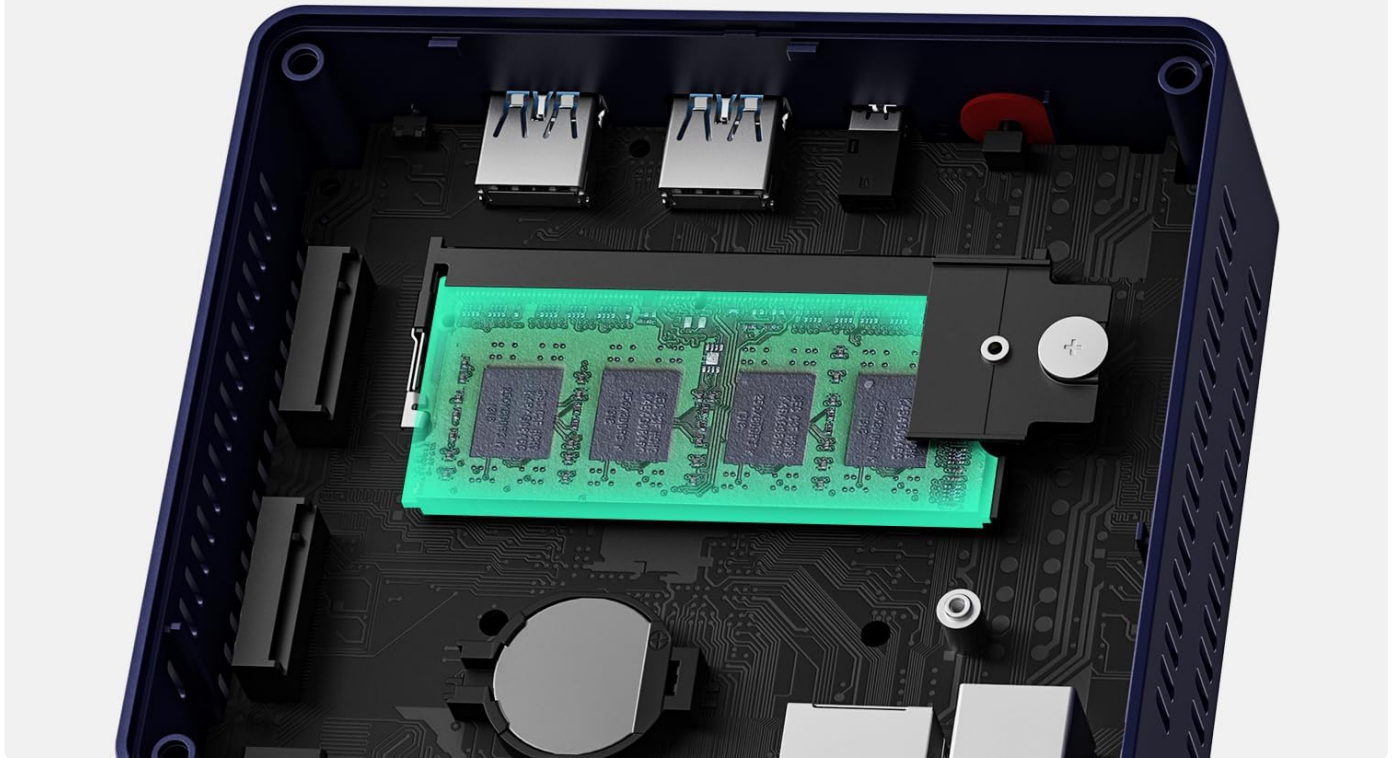


Figure 4.2: Internal DDR4 RAM Slot

- **SO-DIMM DDR4 Slot:** Supports up to 16GB DDR4 3200MHz memory.

Dual SSD High-speed Storage

Configurable to 4TB storage.

Optional:256/500GB

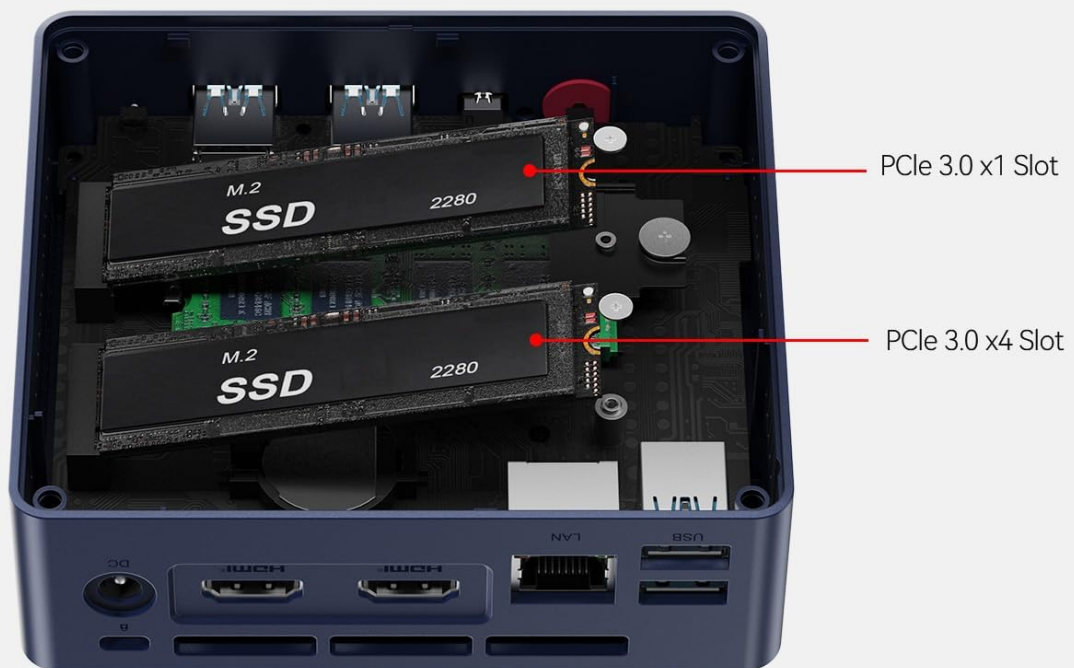


Figure 4.3: Dual SSD High-speed Storage Slots

- **M.2 2280 SSD Slots (x2):** Supports NVMe SSDs for high-speed storage, configurable up to 4TB.
- **2.5-inch Drive Bay:** Supports additional 2.5-inch HDD/SSD for expanded storage.

5. SETUP GUIDE

Follow these steps to set up your Beelink MINI-S13 Mini PC for the first time.

1. **Connect Display:** Connect your monitor or TV to one of the HDMI ports on the rear panel using the provided HDMI cable. The Mini PC supports dual display setup.

Dual-Screen Display for Efficient and Smooth Office Work

Dual HDMI ports allow for more efficient multitasking and greater productivity.



Figure 5.1: Dual-Screen Display Setup

2. **Connect Peripherals:** Connect your USB keyboard and mouse to the USB ports on the front or rear panel.
3. **Connect Network (Optional):** For a wired connection, connect an Ethernet cable from your router to the LAN port on the rear panel. For wireless, the device supports WiFi 6.
4. **Connect Power:** Plug the power adapter into the DC power input port on the rear panel, 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.
6. **Initial Setup:** Follow the on-screen instructions to complete the operating system setup (e.g., Windows 11 initial configuration).

6. OPERATING INSTRUCTIONS

Power On/Off:

- **To Power On:** Press the power button on the front panel.
- **To Power Off:**
 - *Standard Shutdown:* Click the Start button in Windows, then select Power > Shut down.
 - *Force Shutdown:* Press and hold the power button for approximately 5-10 seconds until the device turns off.

Use this only if the system is unresponsive.

Connecting to Network:

- **Wired Connection:** Ensure an Ethernet cable is connected to the LAN port. The system should automatically detect the connection.
- **Wireless Connection (WiFi 6):**
 1. In Windows, click the Wi-Fi icon in the taskbar.
 2. Select your desired Wi-Fi network from the list.
 3. Enter the network security key (password) if prompted, then click Connect.

Bluetooth Connectivity (Bluetooth 5.2):

- To connect Bluetooth devices (e.g., mouse, keyboard, headphones):
 1. Go to Windows Settings > Bluetooth & devices.
 2. Ensure Bluetooth is turned On.
 3. Click "Add device" and select "Bluetooth".
 4. Put your Bluetooth device into pairing mode.
 5. Select your device from the list and follow the on-screen prompts to complete pairing.

7. MAINTENANCE

Cleaning:

- Regularly clean the exterior of the Mini PC with a soft, dry, lint-free cloth.
- Use a can of compressed air to gently clear dust from the ventilation openings. Do not insert any objects into the vents.
- Ensure the device is powered off and unplugged before cleaning.

Software Updates:

- Keep your operating system (Windows) updated to the latest version for security and performance improvements.
- Regularly check for driver updates from the Beelink official website or Intel's support pages for optimal hardware performance.

Storage Management:

- Periodically delete unnecessary files and programs to free up storage space.
- Consider expanding storage by adding an additional M.2 SSD or a 2.5-inch HDD/SSD if needed. Refer to Section 4 for internal component access.

8. TROUBLESHOOTING

This section addresses common issues you might encounter and provides solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power / Device won't turn on.	Power adapter not connected properly; Power outlet issue; Faulty power adapter.	Ensure power adapter is securely connected to both the Mini PC and the power outlet. Try a different power outlet. Verify the power adapter is working.
No display on monitor.	HDMI cable loose or faulty; Incorrect input source on monitor; Monitor off or faulty.	Check HDMI cable connections. Ensure monitor is on and set to the correct HDMI input. Try a different HDMI cable or monitor if available.
No internet connection (wired).	Ethernet cable loose or faulty; Router/modem issue; Network driver issue.	Check Ethernet cable connection. Restart your router/modem. Check network adapter settings in Windows Device Manager.
No internet connection (wireless).	Wi-Fi disabled; Incorrect Wi-Fi password; Router issue; Wi-Fi driver issue.	Ensure Wi-Fi is enabled in Windows. Re-enter Wi-Fi password. Restart your router. Update Wi-Fi drivers.
System runs slow or freezes.	Too many applications running; Insufficient RAM; Overheating; Malware.	Close unnecessary applications. Check Task Manager for high resource usage. Ensure proper ventilation. Run a full system scan for malware.

If the problem persists after trying these solutions, please contact Beelink customer support for further assistance.

9. SPECIFICATIONS

Detailed technical specifications for the Beelink MINI-S13 Mini PC.

Product Specification

Product Type	Mini PC	Network	WiFi 6 (AX101) Bluetooth 5.2
Dimension	4.52*4.01*1.54 in(115*102*39mm)	CLR CMOS Button	1
CPU	Intel® Twin Lake N150 Processor Max Turbo Frequency 3.6GHz (4C/4T) 6 MB Smart Cache	Power Button	1
Graphics	Intel® Graphics 1000MHz(24EUs)	Adapter	12V/3A Certification Input: 100-240V AC, 50/60Hz Output: 12V/3A
System Disk	M.2 2280 SSD(Max 2TB)	Working Temperature	0°C~40°C, 90% @40°C Humidity
Internal Slot	SO-DIMM DDR4 3200MHz Slot*1 M.2 2280 SSD(Max 2TB)	Storage Temperature	-20°C~60°C, 90% @40°C Humidity
Interface	5.5*2.5 DC Jack*1 USB3.2 Gen2(10Gbps)*4 LAN 1000M *1 3.5mm Phone Jack(Two-in-one)*1 HDMI(Max 4K 60Hz)*2 Locking*1	Additional function	WOL AUTO POWER ON
		Accessories	Instruction manual*1 Wall-Mounted bracket*1 HDMI cable 100CM*1 Adapter 12V/3A*1 One pack of screws

Figure 9.1: Product Specification Overview

Feature	Detail
Brand	Beelink
Model Number	S13
Operating System	DOS (User can install Windows 11)
CPU	Intel Alder Lake N100 Processor (4C/4T, up to 3.6 GHz)
Graphics	Intel UHD Graphics (1000MHz, 24EUs)
RAM	16GB DDR4 3200MHz SO-DIMM (Single Channel)
Storage	500GB NVMe M.2 2280 SSD (Supports up to 2TB, additional 2.5" HDD/SSD slot)

Feature	Detail
Display Output	2 x HDMI (Supports 4K@60Hz Dual Display)
USB Ports	4 x USB 3.2 Gen2 (10Gbps)
Network	Gigabit Ethernet (RJ45), WiFi 6 (802.11ax)
Bluetooth	Bluetooth 5.2
Audio	3.5mm Headphone Jack (Two-in-one)
Dimensions	Approx. 115 x 102 x 39 mm (4.52 x 4.01 x 1.54 inches)
Weight	Approx. 0.28 kg (0.62 lbs)
Additional Features	Auto Power On, RTC, Wake On LAN (WOL)

10. WARRANTY AND SUPPORT

Beelink products come with a standard manufacturer's warranty. Please refer to the warranty card included in your package or visit the official Beelink website for detailed warranty terms and conditions.

Customer Support:

For technical support, troubleshooting assistance, or warranty claims, please contact Beelink customer service through their official website or the contact information provided with your purchase. When contacting support, please have your product model (S13) and serial number ready.

Official Website: www.bee-link.com (Please check for the most current contact information and support resources.)

