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> Beelink MINI S13 Mini PC User Manual

## Beelink MINI S13

# Beelink MINI S13 Mini PC User Manual

MODEL: MINI S13

Brand: Beelink

## 1. Introduction

The Beelink MINI S13 Mini PC is a compact and efficient desktop computer designed for various usage scenarios, including office work, online education, home entertainment, and industrial applications. Featuring an Intel Twin Lake N150 processor, 16GB DDR4 RAM, and a 500GB M.2 SATA SSD, it offers smooth performance for multitasking and 4K UHD display capabilities.



Image: Front view of the Beelink MINI S13 Mini PC, showcasing its compact design.

## 2. What's in the Box

Your Beelink MINI S13 package includes the following items:

- 1 x Beelink Mini PC
- 1 x Power Adapter
- 1 x VESA Mount & Screws
- 1 x User Manual
- 1 x HDMI Cable

## Accessories



1. User manual



2. Wall-mounted bracket



3. HDMI cables

4. Power adapter  
(Optional: US / EU / UK / JP / AU)

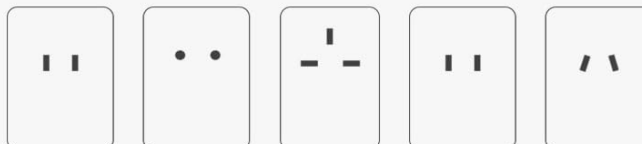


Image: All accessories included with the Beelink MINI S13 Mini PC, such as the user manual, VESA mount, HDMI cables, and power adapter.

## 3. Product Overview

The Beelink MINI S13 is designed with a focus on connectivity and efficient heat dissipation. It features a variety of ports to meet diverse needs and an internal cooling system to maintain optimal performance.

### Front Panel

- **RTC Key:** For resetting Real-Time Clock.
- **USB3.2 Gen2 (10Gbps) Ports:** Two high-speed USB ports for connecting peripherals.
- **Earphone Jack:** For audio output.
- **Power Indicator Light:** Indicates the power status of the device.
- **Power Button:** To turn the device on/off.

### Rear Panel

- **USB3.2 Gen2 (10Gbps) Ports:** Two additional high-speed USB ports.
- **LAN (2.5Gbps) Ports:** Two 2.5 Gigabit Ethernet ports for high-speed wired network connections.
- **4K 60Hz HDMI Ports:** Two HDMI 2.0 ports supporting dual 4K UHD displays.
- **DC Jack:** Power input for the adapter.

## SO-DIMM DDR4 3200MHz

### High quality memory Stable operation

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

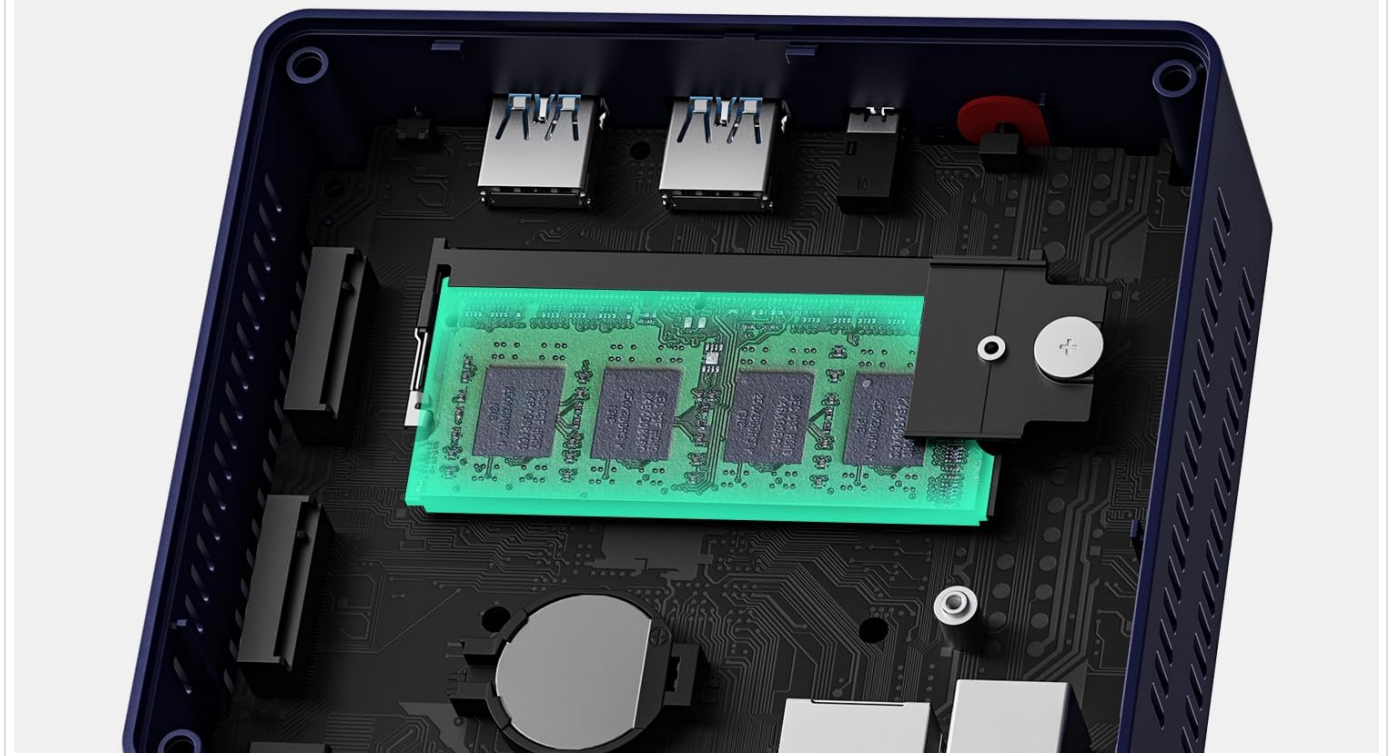


Image: Detailed view of the rear panel ports on the Beelink MINI S13 Mini PC.

### Internal Components

The MINI S13 features a well-designed internal layout for optimal performance and upgradeability.

- **Intel Twin Lake N150 Processor:** The core processing unit.
- **SO-DIMM DDR4 3200MHz RAM:** Single-channel support up to 16GB.
- **Dual M.2 SSD Slots:** Supports high-speed storage, configurable up to 4TB.
- **Cooling System:** Built-in fan and heat sink for efficient heat dissipation.

# The exploded view

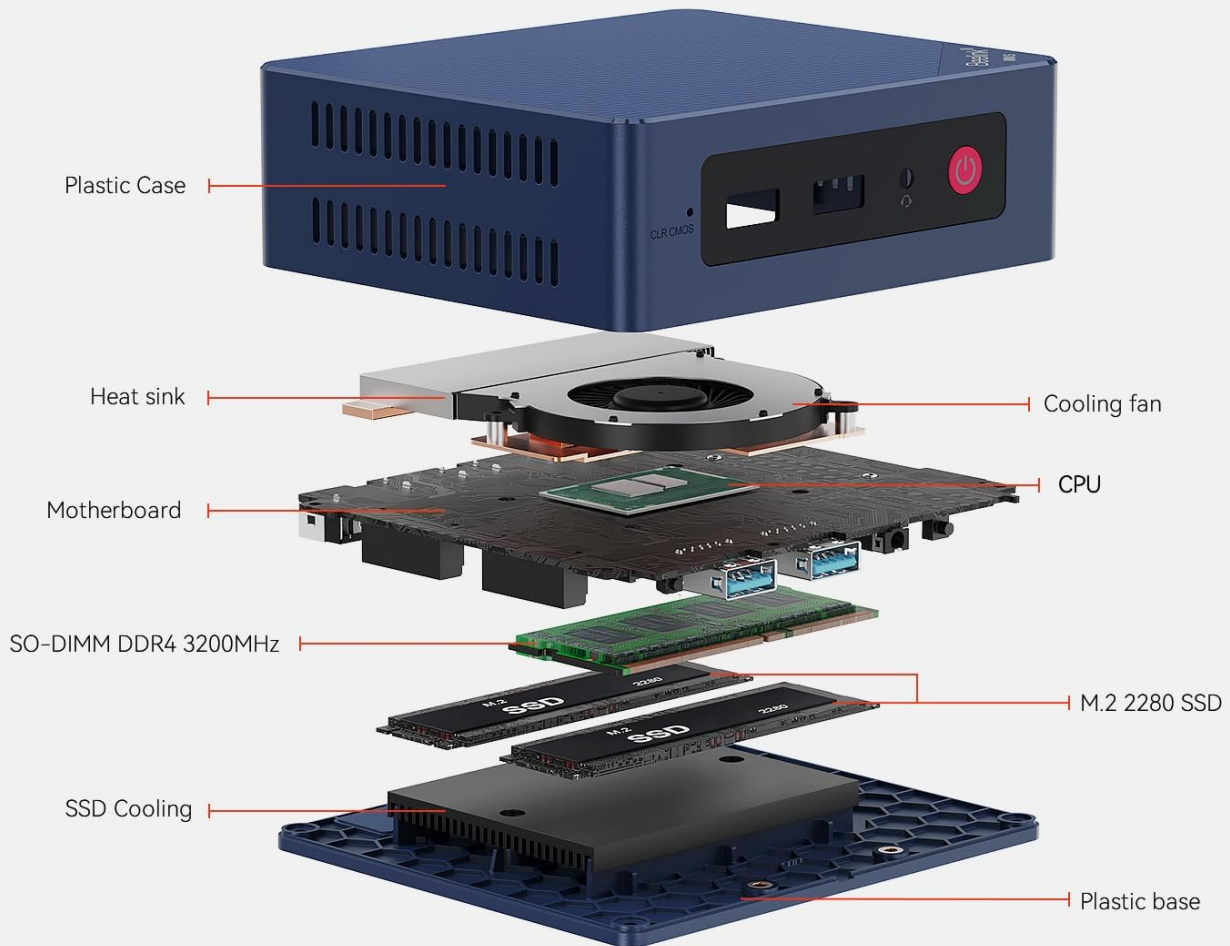


Image: Exploded view of the Beelink MINI S13 Mini PC, illustrating its internal components and cooling solution.

## 4. Setup

Follow these steps to set up your Beelink MINI S13 Mini PC:

1. **Connect Peripherals:** Connect your keyboard, mouse, and monitor(s) to the available USB and HDMI ports.
2. **Power Connection:** Plug the power adapter into the DC Jack on the rear panel, then connect it to a power outlet.
3. **Power On:** Press the power button on the front panel. The power indicator light will illuminate.
4. **Initial Boot:** The system will boot into the pre-installed Windows 11 Home operating system. Follow the on-screen instructions for initial setup, including region, language, and network connection.
5. **Network Connection:** Connect to your network via Ethernet cable or Wi-Fi 6.

### Operating System Installation (Optional)

If you need to reinstall Windows or install a different operating system, you can create a bootable USB drive. The following video provides a guide for installing Windows 10, which is a similar process for Windows 11.

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Video: Official tutorial from Beelink Direct on how to install Windows 10 from a USB drive on a Beelink Mini PC. This process is similar for Windows 11 installations.

## 5. Operating Instructions

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The Beelink MINI S13 is ready for use right out of the box with Windows 11 Home pre-installed. Here are some key operational features:

- **Dual 4K Display:** Connect two 4K UHD monitors via the HDMI 2.0 ports for an extended desktop experience.
- **Wireless Connectivity:** Utilize built-in WiFi 6 (802.11ax Dual Band 2.4 & 5GHz) and Bluetooth 5.2 for stable wireless connections to networks and peripherals.
- **VESA Mount:** Use the included VESA mount to attach the Mini PC to the back of a compatible monitor, saving desk space.
- **Additional Functions:** Supports Wake On LAN, PXE Boot, RTC Wake, and Auto Power On for enhanced flexibility in various environments.

## 6. Maintenance

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To ensure the longevity and optimal performance of your Beelink MINI S13, regular maintenance is recommended:

- **Keep Clean:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Ensure ventilation holes are free from dust and obstructions.
- **Software Updates:** Keep your operating system and drivers updated to the latest versions for security and performance improvements.
- **Storage Management:** Periodically check your storage usage and delete unnecessary files to maintain system speed.

### SSD Replacement/Upgrade

The Beelink MINI S13 supports dual M.2 SSDs, allowing for storage upgrades up to 4TB. Refer to the following video for guidance on replacing or upgrading your SSD:

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Video: Official tutorial from Beelink Direct demonstrating the process of replacing an SSD in a Beelink Mini PC.

## 7. Troubleshooting

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If you encounter issues with your Beelink MINI S13, consider the following general troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet. Try a different outlet if necessary.
- **No Display:** Check all HDMI cable connections to the monitor and Mini PC. Ensure the monitor is powered on and set to the correct input source. Try a different HDMI cable or monitor if possible.
- **System Slowdown:** Close unnecessary applications, check for background processes, and ensure sufficient free storage space. Consider running a disk cleanup or antivirus scan.
- **Peripheral Not Detected:** Ensure USB devices are properly connected. Try a different USB port or restart the Mini PC.
- **Network Issues:** For wired connections, check the Ethernet cable and router status. For Wi-Fi, ensure the Wi-Fi adapter is enabled and you are connected to the correct network with the right password.

## 8. Specifications

| Feature                   | Detail   |
|---------------------------|--|
| Brand                     | Beelink  |
| Model Name                | Beelink MINI S13   |
| Operating System          | Windows 11 Home (OS)   |
| CPU Model                 | Intel Celeron N150 (Twin Lake)                                 |
| CPU Speed                 | Up to 3.6 GHz  |
| Graphics Coprocessor      | Intel UHD Graphics   |
| RAM Memory Installed Size | 16 GB DDR4   |
| Hard Disk Description     | 500GB M.2 SATA SSD   |
| Video Output              | Dual HDMI 4K 60Hz  |
| Connectivity Technology   | Bluetooth, Ethernet (2.5G LAN), HDMI, USB, Wi-Fi (WiFi 6)      |
| Total USB Ports           | 4 (USB 3.2 Gen2 10Gbps)  |
| Item Weight               | 0.71 Kilograms   |
| Cooling Method            | Air  |
| Additional Features       | Wake On LAN, PXE Boot, RTC Wake, Auto Power On, VESA Mountable |

## 9. Warranty & Support

Beelink offers comprehensive support for your Mini PC:

- **Warranty:** Your Beelink Mini PC comes with a 3-year warranty.
- **Technical Support:** Lifetime technical support is available.
- **After-Sales Service:** 24/7 after-sales service is provided.

If you have any questions or require assistance, please do not hesitate to contact Beelink customer service. For more information on how to reach us, please watch the following video:

Your browser does not support the video tag.

Video: Official video from Beelink Direct explaining how to contact their customer support for assistance.