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› Beelink SEI10 Mini PC User Manual - Intel Core i5-1035G4, 16GB RAM, 500GB SSD

Beelink SEI10

Beelink SEI10 Mini PC User Manual

Model: SEI10

1. INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Beelink SEI10 Mini PC. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.



Figure 1: Beelink SEI10 Mini PC

The Beelink SEI10 is a compact and powerful mini PC designed for various computing tasks, from home entertainment to office productivity. It features an Intel Core i5-1035G4 processor, 16GB DDR4 RAM, and a 500GB SSD, offering efficient performance in a small form factor.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 × Beelink SEI10 Mini PC
- 2 × HDMI Cables (25cm and 100cm)
- 1 × Power Adapter
- 1 × Mounting Bracket
- 1 × User Manual (this document)

3. PRODUCT OVERVIEW AND PORTS

The Beelink SEI10 Mini PC offers a range of connectivity options for various peripherals and displays.



Figure 2: Front view of the Beelink Mini PC, highlighting its support for WiFi 6 and Bluetooth 5.2 connectivity.

Ports and Connectors:

- 1 × DC Jack Port (for power input)
- 4 × USB 3.0 Ports
- 2 × RJ45 Ports (Gigabit LAN)
- 2 × HDMI Ports (supports dual 4K display output)
- 1 × Audio Jack Port (for headphones and microphone)
- 1 × Type-C Port (supports video output)

4. SETUP

Follow these steps to set up your Beelink SEI10 Mini PC:

1. **Connect to a Display:** Use one of the provided HDMI cables to connect the Mini PC to your monitor or TV. If your display supports Type-C video input, you can use the Type-C port.
2. **Connect Peripherals:** Plug in your USB keyboard and mouse into the USB 3.0 ports.
3. **Connect to Power:** Connect the power adapter to the DC Jack port on the Mini PC, then plug the adapter

into a power outlet.

4. **Power On:** Press the power button located on the front of the Mini PC. The device will boot up, and you should see the operating system on your display.
5. **Initial Configuration:** Follow the on-screen instructions to complete the Windows 11 Pro setup, including language, region, network connection, and user account creation.

5. OPERATING

Power On/Off:

- **To Power On:** Press the power button.
- **To Shut Down:** Click the Start button in Windows, then select Power > Shut down.
- **To Restart:** Click the Start button in Windows, then select Power > Restart.

Network Connectivity:

- **Wi-Fi:** The Mini PC supports Wi-Fi 6 (802.11ax). To connect, click the Wi-Fi icon in the taskbar, select your network, enter the password, and click Connect.
- **Ethernet:** For a wired connection, connect an Ethernet cable from your router to one of the RJ45 ports on the Mini PC.
- **Bluetooth:** The Mini PC supports Bluetooth 5.0. To pair devices, go to Windows Settings > Bluetooth & devices, and follow the instructions to add a new device.

Multi-Display Setup:

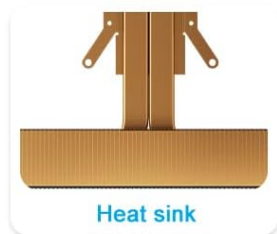
The Beelink SEI10 supports dual 4K display output via its two HDMI ports and an additional display via the Type-C port, allowing for a triple display setup. Connect your monitors to the available ports, and Windows will automatically detect them. You can configure display settings (extend, duplicate, etc.) in Windows Settings > System > Display.

6. STORAGE AND MEMORY EXPANSION

The Mini PC comes with 16GB DDR4 RAM and a 500GB M.2 NVMe SSD. You can expand the storage and memory as follows:

- **Memory (RAM):** The system supports configurable memory up to 16GB with a single card and 32GB with dual cards.
- **M.2 NVMe SSD:** The M.2 2280 NVMe SSD can be upgraded to up to 2TB.
- **2.5-inch SATA Drive:** An additional 2.5-inch SATA drive (HDD/SSD) can be installed for further storage expansion.

Strong heat dissipation



Software	Keyshot	Adobe Photoshop	Microsoft Office	Standby mode
15cm	34-36dB	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

Figure 3: Internal view of the Beelink Mini PC's cooling system, showing the fan, heatsink, and hard drive cooler, along with a table of noise levels.

7. MAINTENANCE

Cleaning:

- Regularly clean the exterior of the Mini PC with a soft, dry cloth.
- Use compressed air to clear dust from ventilation openings to ensure proper airflow and cooling.
- Do not use liquid cleaners or solvents directly on the device.

Software Updates:

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

Heat Management:

The Beelink SE110 is equipped with an efficient cooling system, including a quiet fan and dual heat pipes. Ensure

the Mini PC is placed in a well-ventilated area and that its vents are not obstructed to prevent overheating.

8. TROUBLESHOOTING

No Power:

- Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- Verify the power outlet is functional by plugging in another device.

No Display:

- Check that the HDMI or Type-C cable is securely connected to both the Mini PC and the monitor.
- Ensure the monitor is powered on and set to the correct input source.
- Try a different HDMI port or cable if available.

Network Connectivity Issues:

- For Wi-Fi, ensure your router is working and the Wi-Fi password is correct.
- For Ethernet, check the cable connection and ensure your router's LAN port is active.
- Restart your router and the Mini PC.

Slow Performance:

- Close unnecessary applications running in the background.
- Ensure the system has sufficient free storage space.
- Check for and install any pending Windows updates.
- Ensure proper ventilation to prevent thermal throttling.

9. SPECIFICATIONS

The following table details the technical specifications of the Beelink SEI10 Mini PC:

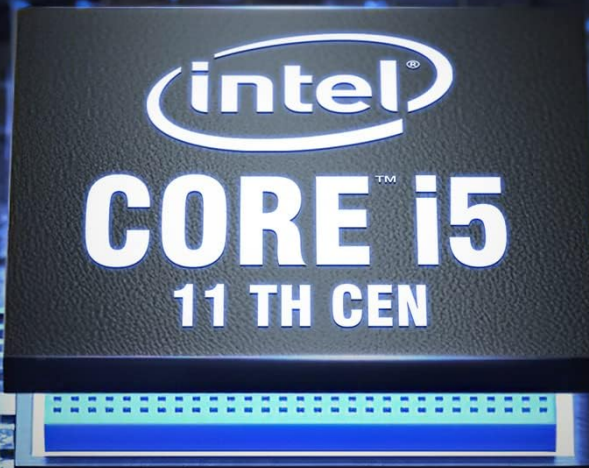
Feature	Specification
Brand	Beelink
Model Name	SEI10
Operating System	Windows 11 Pro (Windows 10 Pro also possible, upgradeable)
CPU Model	Intel Core i5-1035G4 (10th Gen)
CPU Base Frequency	1.1 GHz
CPU Max Turbo Frequency	3.70 GHz (4 Cores / 8 Threads)
Smart Cache	6 MB
Graphics	Intel Iris Plus Graphics (Integrated)
RAM	16GB DDR4 (3200 MHz)
Max RAM Capacity	32GB (via dual slots)

Feature	Specification
Storage	500GB M.2 2280 NVMe SSD
Storage Expansion	Up to 2TB M.2 NVMe SSD, 2.5-inch SATA HDD/SSD slot
Ethernet	1000Mbps LAN (2x RJ45 ports)
Wi-Fi	Wi-Fi 6 (802.11ax)
Bluetooth	Bluetooth 5.0
Video Output	2x HDMI (4K support), 1x Type-C (video output)
USB Ports	4x USB 3.0
Audio Port	1x Audio Jack (HP & Mic)
Aspect Ratio	16:9
Resolution	3840 x 2160 (4K)
Year of Manufacture	2022
UPC	810056048167

Note: Some images in this manual may depict features or specifications of similar Beelink models or general Intel processor capabilities. The specifications listed above are specific to the Beelink SEI10 model with the Intel Core i5-1035G4 processor.

11th Generation Intel® i5-11320H

4 cores 8 threads , up to 4.50 GHz



4.5 GHz

CPU

4 Cores 8 Threads

8 M

Intel Smart
Cache

10 NM

Processor Technology
for CPU Cores

64 GB

DDR4
Scalable to

Figure 4: An illustration detailing processor specifications, showing an Intel Core i5-11320H processor. Note: This specific model (SEI10) features an Intel Core i5-1035G4 processor.

35W power i5-11320H

More powerful than the 28W i5-1135G7

Comparison Items	i5-11320H	i5-1135G7
Total Cores	4	4
Total Threads	8	8
Max Turbo Frequency	4.5GHz	4.20 GHz
Configurable TDP-up Base Frequency	3.2GHz	2.40 GHz
Configurable TDP-up	35W	28W
3DMARK11/Peformance	P6341	P5390
Cinebench 20 Running score	1911	1625

Figure 5: A table comparing power consumption and performance metrics between different Intel Core i5 processors.

i5-11320H and i5-1135G7

Comparison chart of running points

Software running score

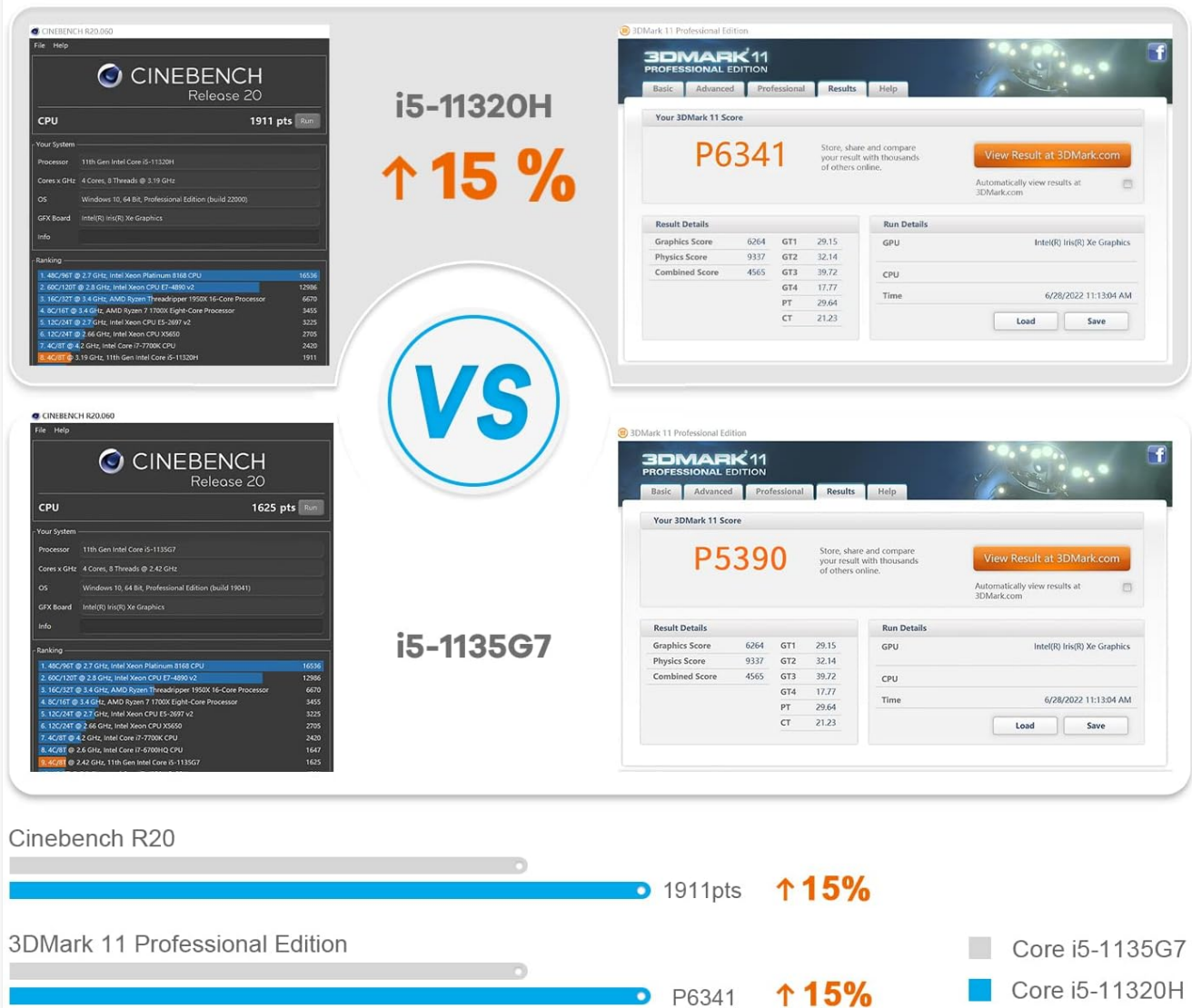


Figure 6: Performance comparison chart for different Intel Core i5 processors, illustrating benchmark scores.

10. WARRANTY AND SUPPORT

Beelink provides lifetime technical support for the SEI10 Mini PC. If you encounter any issues or require assistance, please contact our support team. We offer 7-day/24-hour service to address your concerns.

All Beelink products, including this Mini PC, are certified by FCC, CE, and RoHS, ensuring compliance with quality and safety standards.

If your device was shipped with Windows 10 Pro, you can contact us for a free upgrade to Windows 11 Pro.