GEEKOM Mini Fun11

GEEKOM Mini Fun11 Mini PC User Manual

Model: Mini Fun11

INTRODUCTION

The GEEKOM Mini Fun11 is a high-performance mini PC designed for demanding tasks, gaming, and multitasking. It features an 11th Gen Intel Core i9-11900KB processor, ample memory, fast storage, and extensive connectivity options, including support for triple 4K displays and changeable graphics cards. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Mini Fun11.

WHAT'S IN THE BOX

Carefully unpack your GEEKOM Mini Fun11 and ensure all items are present:

- 1x Mini Fun11 Mini PC
- 1x Power Adapter
- 1x User Guide

Image: The GEEKOM Mini Fun11 Mini PC, power adapter, and user guide as included in the package.

PRODUCT OVERVIEW

Processor and Performance

The Mini Fun11 is powered by an 11th Gen Intel Core i9-11900KB processor, featuring 8 cores, 16 threads, 24MB cache, and a turbo frequency of up to 4.90GHz. This processor delivers robust performance for demanding applications and multitasking.
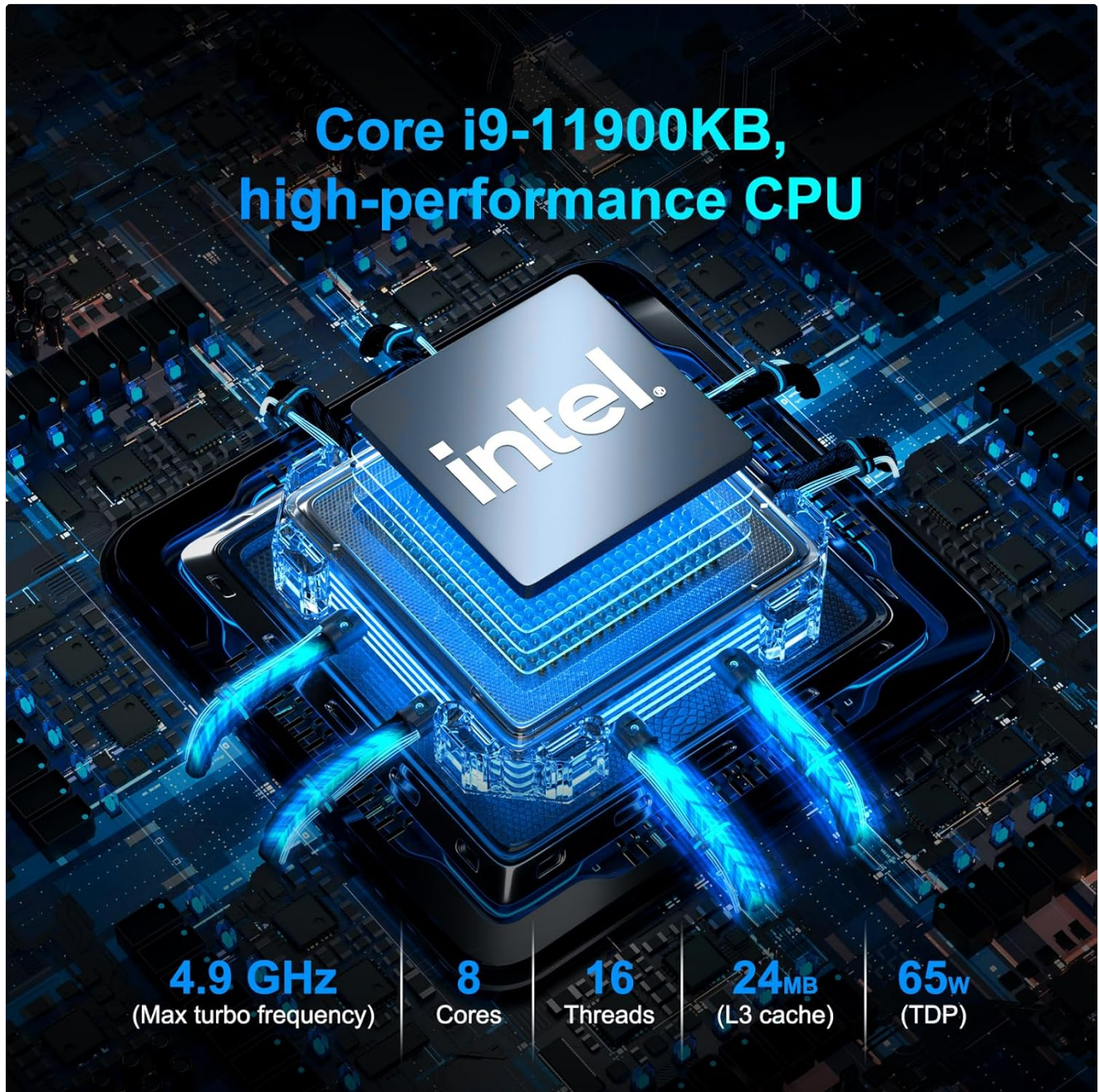

Image: A visual representation of the Intel Core i9-11900KB processor, highlighting its core specifications.

Memory and Storage

The system comes with dual-channel 32GB DDR4-3200MHz RAM, expandable up to 64GB. For storage, it includes a 1TB PCIe Gen4 SSD and supports additional 2x PCIe Gen3 SSDs, allowing for up to 4TB of total storage.
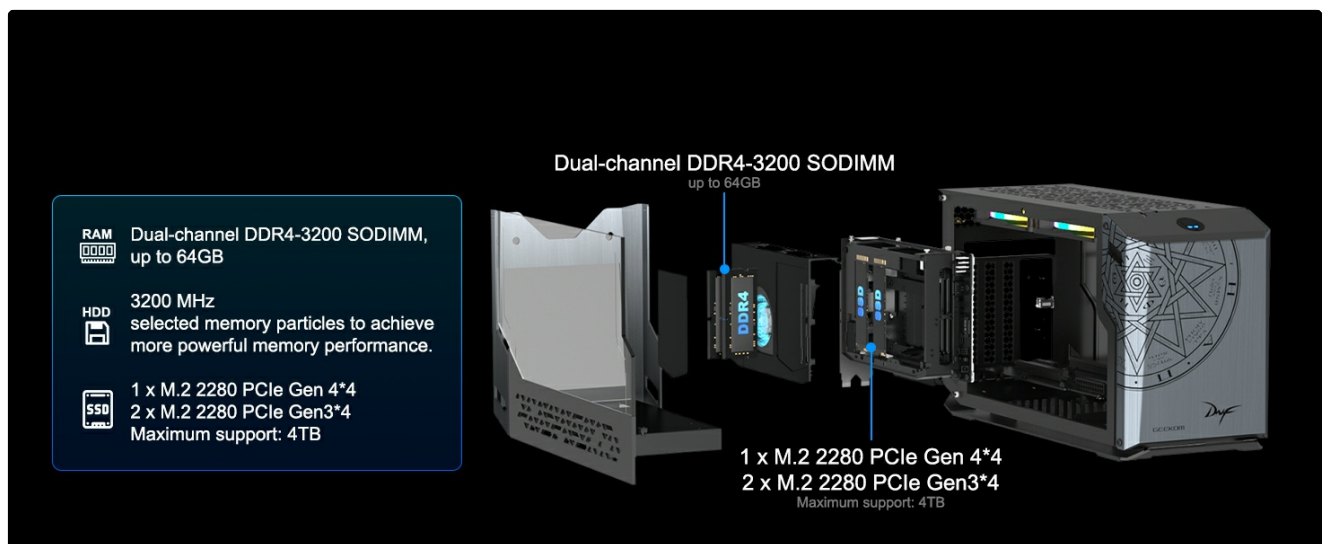
Image: An exploded view of the Mini Fun11 chassis, illustrating the dual-channel DDR4 SODIMM slots and M.2 PCIe Gen4 and Gen3 SSD expansion capabilities.

Ports and Connectivity

The Mini Fun11 offers a comprehensive array of ports for various peripherals and displays:

- 6x USB 3.2 Gen2 ports
- 2x Thunderbolt 4 ports
- 1x HDMI 2.0b port
- 1x 2.5G RJ45 LAN port
- 1x DC Jack
- 1x USB-C port
- 1x 3.5mm Headphone Jack
- Power button

Three 4K Displays

Boost Productivity with High-Performance Combinations

Image: A detailed view of the rear and side panels of the Mini Fun11, labeling all available ports and the power button.

1、 Power button

2、 DC jack

3、 3.5 mm headphone jack

4、 USB-C

5、 6 x USB 3.2 Gen2 ports

6、 2.5G RJ45 LAN port

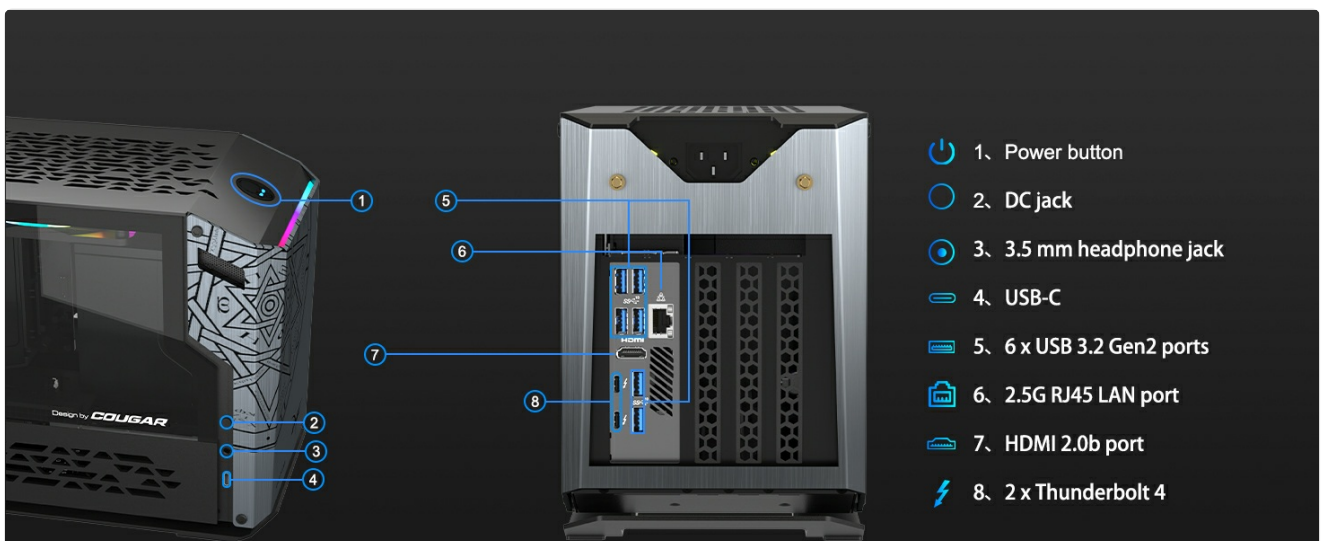7、 HDMI 2.0b port

8、 2 x Thunderbolt 4

Image: An annotated diagram providing a clear overview of each port and button on the Mini Fun11.

For wireless connectivity, the Mini Fun11 supports Wi-Fi 6E, offering significantly faster and more stable internet connections, and Bluetooth v5.2 for connecting wireless peripherals.

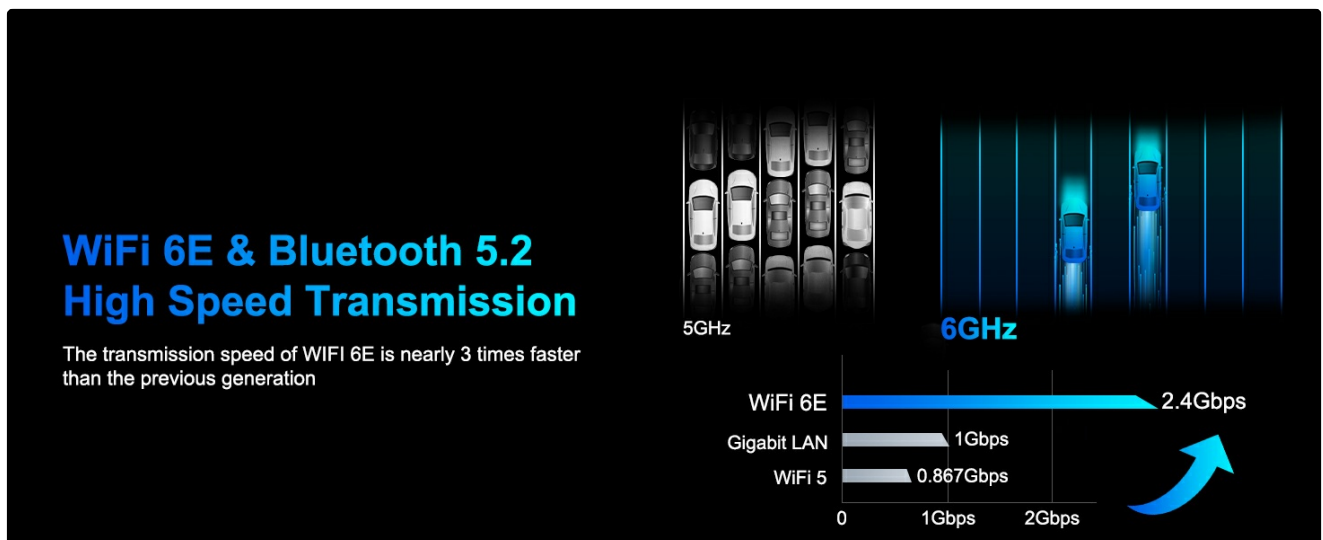Image: A graphic illustrating the powerful WiFi 6E and Bluetooth 5.2 support, showing speed comparisons.

Image: A chart comparing the transmission speeds of WiFi 6E, Gigabit LAN, and WiFi 5, highlighting the speed advantage of WiFi 6E.

Display Support

The Mini Fun11 supports up to three 4K displays simultaneously via its 2x Thunderbolt 4 and 1x HDMI 2.0 ports, enabling extensive multitasking and immersive visual experiences.

6 x USB 3.2 Gen2 ports

2.5G RJ45 LAN port

HDMI 2.0b port

2 x Thunderbolt 4

Power button
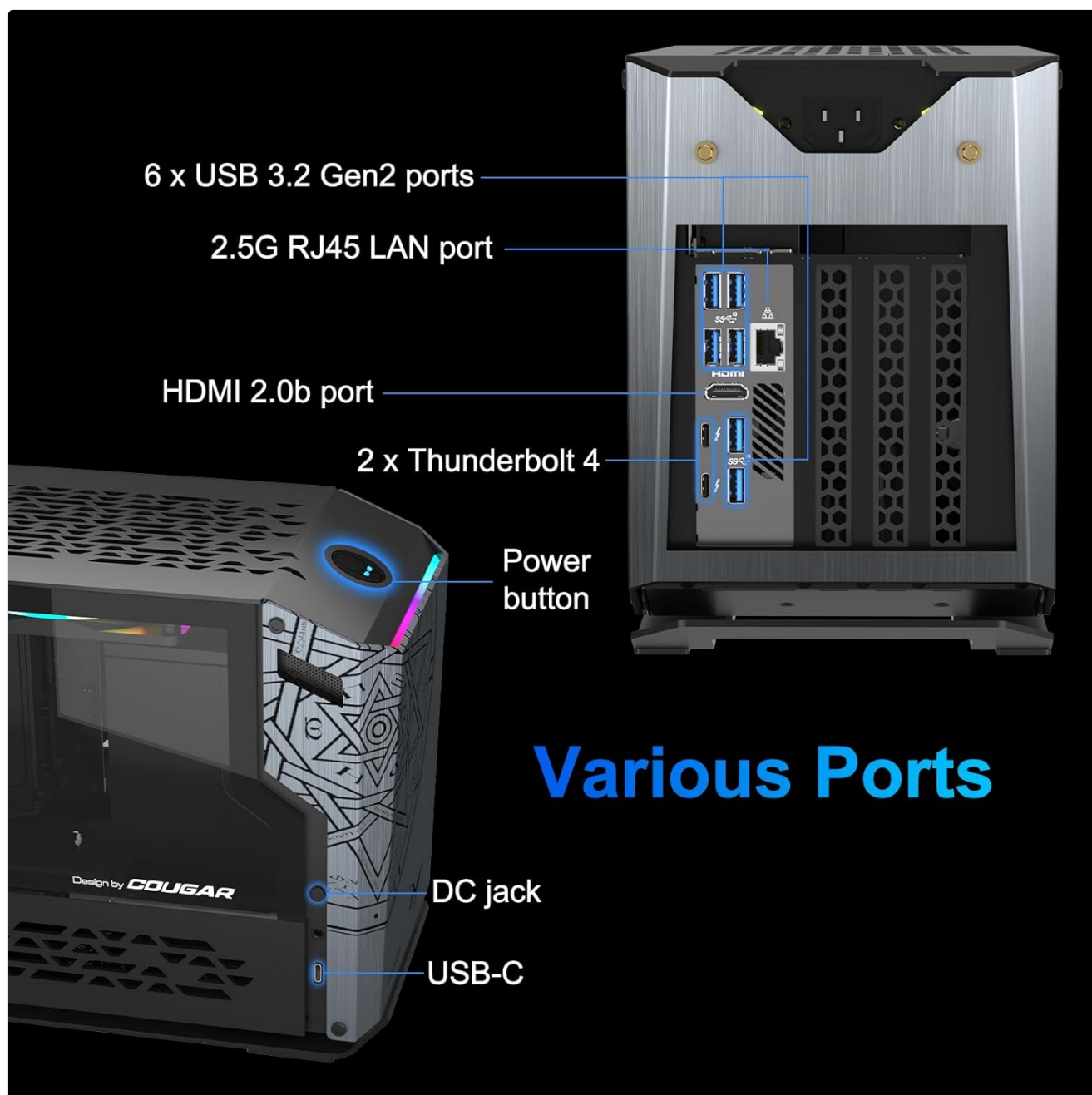
Various Ports

DC jack

USB-C

Image: A desktop environment showcasing the GEEKOM Mini Fun11 connected to three 4K monitors, demonstrating its multi-display capability.

Image: A graphic emphasizing the Mini Fun11's ability to support up to 4K resolution across three screens.

Graphics Card Support

Beyond its integrated Intel UHD Graphics, the Mini Fun11 offers the flexibility to add a discrete graphics card, such as an AMD Radeon RX 6000 Series or NVIDIA GeForce RTX 30 Series, for enhanced gaming and rendering performance. It supports discrete graphics cards up to 321mm in length.

Up to 321mm Discrete Graphics Cards Supported

Add either an AMD Radeon™ RX 6000 Series or a GeForce RTX 30 Series graphics card to play the newest AAA games or edit graphics-intensive photos seamlessly.

Image: A close-up of a discrete graphics card, illustrating the Mini Fun11's support for such components.

Power and Cooling

The Mini Fun11 features a built-in ATX 500W power adapter to ensure stable power delivery for all components, even under heavy loads. An efficient heat dissipation system, including internal cooling fans, maintains optimal operating temperatures.

Image: A diagram highlighting the integrated 500W power adapter within the Mini Fun11, emphasizing its capacity to handle demanding workloads.
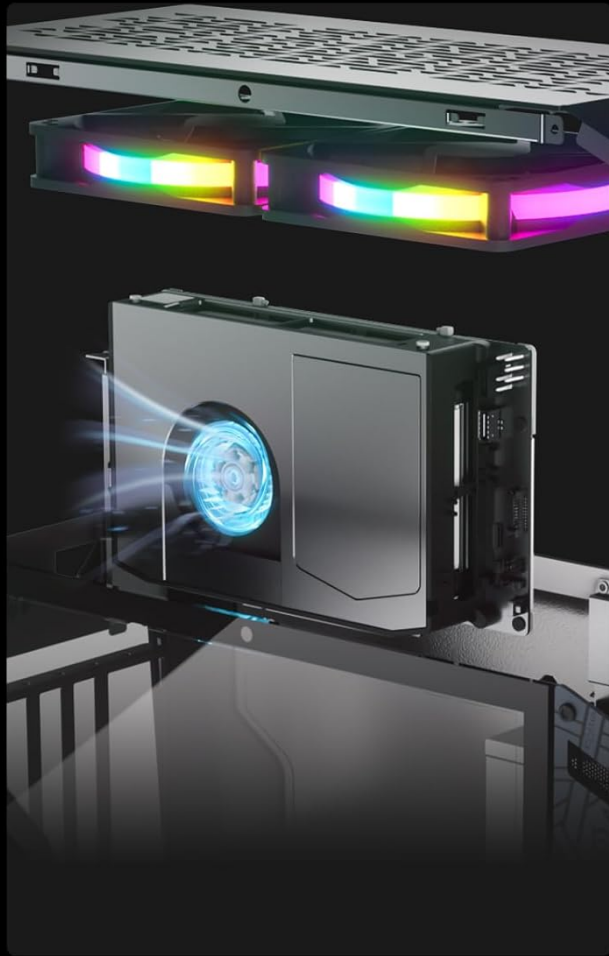
Image: Illustrations demonstrating the efficient heat dissipation design, including internal cooling fans, to maintain system stability.

Image: A visual breakdown of the cooling system, showing the Intel computing module cooling fan and internal chassis fans for optimal heat management.

Setup Instructions

1. **Connect Peripherals:** Connect your monitor(s) to the HDMI and Thunderbolt 4 ports. Connect your keyboard and mouse to the available USB ports.

2. **Connect to Network:** For a wired connection, connect an Ethernet cable to the 2.5G RJ45 LAN port. For wireless, ensure your Wi-Fi network is available.

3. **Connect Power:** Plug the power adapter into the DC jack on the Mini Fun11, then plug the power adapter into a wall outlet.

4. **Power On:** Press the power button located on the front/side of the Mini Fun11. The system will boot up.

5. **Initial Setup:** Follow the on-screen instructions to complete the Windows 11 Pro setup, including language, region, and user account creation.

Operating Instructions

Operating System

The GEEKOM Mini Fun11 comes with Windows 11 Pro pre-installed. You can also install other operating systems such as Windows 10 or various Linux Ubuntu distributions according to your preference. Changing the operating system will not void your warranty.

Basic Operation

- **Power On/Off:** Press the power button to turn the PC on. To turn off, use the Windows shutdown option or press and hold the power button for a few seconds.
- **Restart:** Use the Windows restart option for system reboots.
- **Sleep Mode:** The system can enter sleep mode to save power. Press any key or move the mouse to wake it up.

Maintenance

- **Keep Vents Clear:** Ensure that the ventilation openings on the Mini Fun11 are not obstructed to prevent overheating.

- **Regular Cleaning:** Use a soft, dry cloth to clean the exterior of the device. For dust in vents, use compressed air. Do not use liquid cleaners directly on the device.

- **Software Updates:** Regularly update your operating system, drivers, and applications to ensure optimal performance and security.

- **Data Backup:** Periodically back up important data to an external drive or cloud storage to prevent data loss.

Troubleshooting

If you encounter issues with your GEEKOM Mini Fun11, refer to the following common solutions:

- **No Power:**

  - Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
  - Verify the power button is functioning correctly. Try pressing it firmly.
  - Test the power outlet with another device.

- **USB Ports Not Working:**

- Try connecting the device to a different USB port.
- Restart the Mini PC.
- Check Device Manager in Windows for any driver issues related to USB controllers.

- **Data Loss/Files Deleted:**

  - Always ensure proper shutdown of the operating system. Avoid abrupt power cuts.
  - Regularly back up your data.
  - Run a disk check or antivirus scan to rule out software corruption or malware.

- **No Display:**

  - Check that the monitor is powered on and the video cable (HDMI/Thunderbolt) is securely connected to both the Mini PC and the monitor.
  - Try a different video cable or monitor if available.

- **System Slowdown:**

  - Close unnecessary applications running in the background.
  - Check for available system updates.
  - Ensure adequate ventilation to prevent thermal throttling.

SPECIFICATIONS

Feature	Specification
Brand	GEEKOM
Model	Mini Fun11
Processor	11th Gen Intel Core i9-11900KB (8 Cores, 16 Threads, 24MB Cache, up to 4.9 GHz)
RAM	32 GB DDR4-3200MHz (Dual-channel, expandable up to 64GB)
Storage	1 TB PCIe Gen4 SSD (supports up to 2TB), 2x PCIe Gen3 SSD slots (supports up to 2TB each)
Graphics	Intel UHD Graphics (Integrated), Supports Dedicated Graphics Cards (up to 321mm)
Operating System	Windows 11 Pro
Max Screen Resolution	3840 x 2160 pixels (4K)
Display Output	2x Thunderbolt 4, 1x HDMI 2.0b (Supports Triple 4K Displays)
USB Ports	6x USB 3.2 Gen2, 1x USB-C
Network	2.5G RJ45 LAN, Wi-Fi 6E
Bluetooth	Bluetooth v5.2
Power Adapter	Built-in ATX 500W
Item Weight	14.52 pounds (approx. 6.59 kg)

Feature	Specification
Dimensions	Approx. 18.27 x 12.01 x 8.58 inches

WARRANTY AND SUPPORT

GEEKOM offers 24/7 customer support to assist you with any concerns or issues regarding your Mini Fun11. Your product is covered by a warranty, and changing the operating system will not void it.

Contact Support:

- **Online Support:** Visit the official GEEKOM website or your purchase platform for support options.
- **Email Support:** You can send an email to the after-sales team at shirley.li@geekom.tw.

Image: Information regarding GEEKOM's after-sales service, including how to find seller support on Amazon and an email address for direct contact.