

## GEEKOM Mini IT11

# GEEKOM Mini IT11 Mini PC User Manual

Model: Mini IT11 (IT11I7)

## 1. INTRODUCTION

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This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your GEEKOM Mini IT11 Mini PC. The GEEKOM Mini IT11 is a compact desktop computer powered by an 11th Gen Intel Core i7-11390H processor, designed for various applications including home use, office tasks, and educational environments. Please read this manual thoroughly before using the device to ensure proper functionality and longevity.

## 2. WHAT'S IN THE BOX

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Upon opening the package, verify that all the following items are included:

- 1 x GEEKOM Mini IT11 Mini PC
- 1 x HDMI Cable
- 1 x User Guide (this document)
- 1 x Power Adapter
- 1 x VESA Mount



Image: Contents of the GEEKOM Mini IT11 package.

### 3. SETUP GUIDE

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Follow these steps to set up your GEEKOM Mini IT11 Mini PC:

1. **Connect to Power:** Connect the power adapter to the DC jack on the Mini PC and then plug it into a power outlet.
2. **Connect to Display:** Use the provided HDMI cable to connect the Mini PC to your monitor or TV. The Mini PC also supports Mini DisplayPort and USB4.0 (Type-C to HDMI) for additional display options.
3. **Connect Peripherals:** Connect your keyboard, mouse, and other USB devices to the available USB ports.
4. **Power On:** Press the power button located on the front of the Mini PC.
5. **Initial Operating System Setup:** The Mini PC comes with Windows 11 Pro pre-installed. Follow the on-screen instructions to complete the initial setup of the operating system.
6. **Network Connection:** Connect to your network via the RJ45 Gigabit Ethernet port or configure Wi-Fi 6 through the operating system settings.

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Video: An overview of the GEEKOM Mini IT11 PC, demonstrating its physical appearance and potential setup. This video provides a visual guide to the product.

### 4. OPERATING INSTRUCTIONS

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#### 4.1 Multi-Display Setup

The GEEKOM Mini IT11 supports up to four displays simultaneously, allowing for enhanced multitasking.

- Connect displays using the HDMI 2.0 port (up to 4K@60Hz), Mini DisplayPort (up to 8K@30Hz), and two USB4.0 ports (supporting USB-C to HDMI, up to 8K@30Hz).
- Once connected, configure display settings within your operating system (e.g., Windows Display Settings) to extend or duplicate your desktop.

# 8K UHD & MULTI-MONITOR SUPPORT



Image: The GEEKOM Mini IT11 supporting multiple 8K UHD displays.

## 4.2 Wireless Connectivity

The Mini IT11 features Wi-Fi 6 and Bluetooth 5.2 for high-speed wireless connections.

- **Wi-Fi 6:** Provides faster and more stable internet connectivity compared to previous Wi-Fi standards. Access Wi-Fi settings in your operating system to connect to available networks.
- **Bluetooth 5.2:** Allows for wireless connection to compatible devices such as keyboards, mice, headphones, and speakers. Enable Bluetooth in your operating system settings to pair devices.

## Wireless Networking 2.4 GHz/5 GHz Dual-band Wi-Fi



Image: Visual representation of Wi-Fi 6 and Bluetooth 5.2 capabilities.

## 5. HARDWARE OVERVIEW

### 5.1 External Ports

The GEEKOM Mini IT11 is equipped with a variety of ports for connectivity:

- 1x HDMI 2.0 port
- 1x Mini DisplayPort
- 2x USB 4.0 ports (Type-C)
- 3x USB 3.2 ports
- 1x SD card reader
- 1x 1000 Mbs LAN port (RJ45 Gigabit Ethernet)
- 1x 3.5mm audio jack
- 1x Kensington Security Slot
- 1x DC Power Input



Image: Detailed view of the GEEKOM Mini IT11's various ports.

## 5.2 Internal Components and Expansion

The Mini IT11 offers options for memory and storage expansion.

- **RAM:** Equipped with 16GB dual-channel 3200MHz SODIMM-DDR4 RAM. Expandable up to 64GB (32GB + 32GB) using the two available SODIMM slots.
- **SSD:** Includes a 512GB M.2 PCIe SSD. Supports expansion up to 2TB.
- **HDD:** Features one 2.5-inch SATA HDD (7mm) slot, expandable up to 2TB.



Image: Internal view illustrating RAM and SSD expansion capabilities.

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Video: A detailed look at the internal components and features of the GEEKOM Mini IT11.

## 6. SPECIFICATIONS

Feature	Detail
Brand	GEEKOM
Model Name	Mini IT11
Model Number	IT1117

Feature	Detail
Operating System	Windows 11 Pro (supports Windows 10 Pro, Linux)
CPU Model	Intel Core i7-11390H (4 Cores, 8 Threads, up to 5.0 GHz)
Graphics Coprocessor	Intel Iris Xe Graphics (96EU)
RAM	16GB DDR4 3200MHz (expandable to 64GB)
Storage	512GB M.2 PCIe SSD (expandable to 2TB), 1x 2.5" SATA HDD slot (expandable to 2TB)
Connectivity	Wi-Fi 6, Bluetooth 5.2, 1000 Mbs LAN
Video Output	1x HDMI 2.0 (4K@60Hz), 1x Mini DisplayPort (8K@30Hz), 2x USB4.0 (USB-C to HDMI, 8K@30Hz)
USB Ports	2x USB4.0, 3x USB 3.2
Other Ports	SD Card Reader, 3.5mm Audio Jack, Kensington Security Slot
Power Consumption	65 Watts
Dimensions	117 x 112 x 45.6 mm (4.6 x 4.4 x 1.9 inches)
Weight	652 Grams

## 7. MAINTENANCE

To ensure optimal performance and longevity of your GEEKOM Mini IT11, follow these maintenance guidelines:

- **Cleaning:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Use compressed air to gently clear dust from ventilation openings to prevent overheating. Ensure the device is powered off and unplugged before cleaning.
- **Software Updates:** Keep your operating system and drivers updated to the latest versions. This improves security, performance, and compatibility.
- **Environmental Conditions:** Operate the Mini PC in a well-ventilated area, away from direct sunlight, excessive heat, and moisture.
- **Data Backup:** Regularly back up important data to an external drive or cloud storage to prevent data loss.

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Video: This video demonstrates comprehensive testing procedures for the Mini IT11, highlighting its durability and quality control, which relates to long-term maintenance and reliability.

## 8. TROUBLESHOOTING

If you encounter issues with your GEEKOM Mini IT11, refer to the following common problems and solutions:

- **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 Output:**

- Check that the HDMI or Mini DisplayPort cable is firmly 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 display cable or monitor if available.
- **Wi-Fi Disconnection Issues:**
    - Restart your Wi-Fi router and the Mini PC.
    - Ensure the Mini PC is within range of your Wi-Fi router.
    - Update your Wi-Fi drivers through Windows Device Manager.
    - Consider connecting via an Ethernet cable for a stable connection if wireless issues persist.
- **Slow Performance:**
    - Close unnecessary applications running in the background.
    - Check for and install any pending operating system updates.
    - Ensure there is sufficient free space on your SSD.
    - Run a virus scan to check for malware.

## 9. WARRANTY AND SUPPORT

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GEEKOM provides a One-Year limited warranty for the Mini IT11 Mini PC. For any pre-sale or after-sale support, please contact GEEKOM customer service.

For further assistance, visit the official GEEKOM website or refer to the contact information provided in your product packaging.