

KOOSMILE KT-M9

KOOSMILE Mini PC User Manual

Model: KT-M9

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your KOOSMILE Mini PC. The Mini PC is a compact and powerful desktop computer designed for various tasks, including multitasking, work, streaming, and home entertainment. It features an Intel Core i9-12900HK processor, ample memory and storage, and versatile connectivity options.

2. WHAT'S IN THE BOX

Please verify that all items are present in the package:

- 1 x KOOSMILE Mini PC
- 1 x HDMI cable
- 1 x Power Adapter
- 1 x DisplayPort (DP) cable
- 1 x USB Hub
- 1 x Metal sheet bracket (for mounting)
- 1 x User Manual (this document)



Image: The KOOSMILE Mini PC shown with its various ports and a view of the smart display. The image also depicts the compact size of the device.

3. PRODUCT FEATURES

The KOOSMILE Mini PC is equipped with advanced features for optimal performance:

- **Smart Display Monitoring:** A built-in display on the lid shows real-time system information, including CPU frequency, usage, temperature, network activity (upload/download), and memory usage.
- **Powerful Intel Core i9 CPU:** Powered by the Intel Core i9-12900HK processor (14 cores, 20 threads, up to 5.0GHz) with 24 MB of cache, ensuring fast and responsive performance.
- **High-Speed Memory & Storage:** Comes with 32GB DDR4 RAM for quick boot-up and smooth operation, and a 2TB NVMe SSD for ample storage and fast data transfer.
- **Triple Display Support:** Equipped with Intel Iris Xe Graphics, supporting up to three displays simultaneously via HDMI 2.1 (4K @ 60Hz), DP 1.4a (8K @ 60Hz), and Type-C (USB-C).
- **Efficient Cooling System:** Features an advanced copper cooling fan and multiple vents for effective heat dissipation, maintaining stable performance.
- **Faster Wireless Networking:** Integrated WiFi 6 and Bluetooth 5.2 provide faster and more stable wireless connections.

MODERN AND INNOVATIVE TOUCH DISPLAY DESIGN

Keep an eye on your most important data at all times

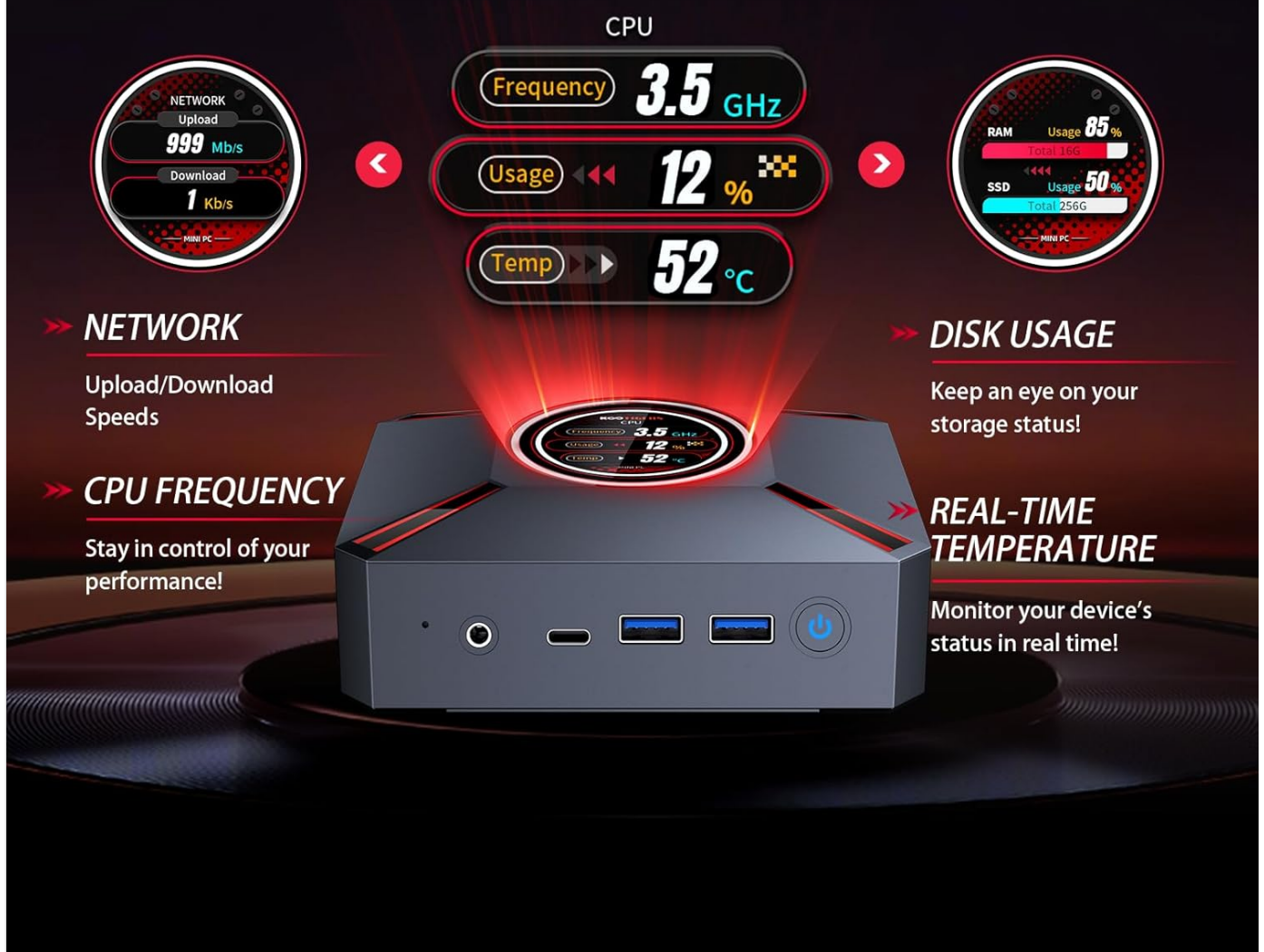


Image: Close-up view of the Mini PC's smart display, illustrating real-time monitoring of CPU frequency, usage, temperature, network speeds, and disk usage.

DDR4 3200MHz

» 32GB HIGH-SPEED DDR4 MEMORY

Up to 3200 MHz, Delivering
Faster Data Processing for
Smoother Multitasking.



PCIe 3.0 SSD

» 1TB/2TB PCIe SSD STORAGE

Higher Data Transfer Rates:
PCIe 3.0 Achieves a
Transfer Speed of up to 8
GT/s (Gigatransfers Per
Second) Per Lane.



PS: Since each customer has different needs, if you wish to adjust the hard disk partition structure, we can provide corresponding guidance.

Image: Diagram illustrating the 32GB DDR4 high-speed memory and 2TB PCIe 3.0 SSD storage, highlighting their data transfer capabilities.

TRIPLE-SCREEN EXPANSION MULTITASK WITH EASE AND BOOST PRODUCTIVITY.

Supports: 8K DP, 4K HDMI, and Full-feature



Image: A setup demonstrating the Mini PC's triple-screen expansion capability, showing three monitors connected for multitasking and increased productivity.

Your browser does not support the video tag.

Video: An official product video showcasing the KOOSMILE Mini PC's features, including its smart display, internal components, cooling system, and multi-display capabilities. This video provides a visual overview of the product's design and functionality.

4. SETUP GUIDE

Follow these steps to set up your KOOSMILE Mini PC:

1. **Connect Power:** Connect the power adapter to the DC Port on the back of the Mini PC and plug it into a power outlet.
2. **Connect Display:** Use the provided HDMI or DisplayPort cable to connect your monitor(s) to the corresponding ports on the Mini PC. Ensure the display device is connected before turning on the computer.
3. **Connect Peripherals:** Connect your keyboard, mouse, and other USB devices to the available USB 3.0 or USB 2.0 ports.
4. **Network Connection:** For a wired connection, connect an Ethernet cable to the RJ45 port. For wireless, the device supports WiFi 6.

5. **Power On:** Press the power button located on the front of the Mini PC to turn it on.



Image: Detailed views of the Mini PC's front and rear ports, including USB 3.2, Type-C, Audio, HDMI, DisplayPort, RJ45, and DC power input, with labels for easy identification.

5. OPERATING INSTRUCTIONS

Your KOOSMILE Mini PC comes pre-installed with Windows 11 Pro. Upon first boot, follow the on-screen instructions to complete the initial setup of the operating system.

- **Smart Display Usage:** The smart display on the lid provides real-time system metrics. You can monitor CPU frequency, usage, temperature, network speeds, and disk usage directly from this display.
- **Multi-Display Configuration:** To utilize the triple display support, connect up to three monitors using the HDMI, DisplayPort, and Type-C ports. Windows 11 allows you to configure display settings (extend, duplicate, or single display) through the Display Settings menu.
- **Storage Management:** The 2TB NVMe SSD offers substantial storage. If you need to adjust hard disk partition structures, guidance can be provided by customer support.

6. SPECIFICATIONS

Detailed technical specifications for the KOOSMILE Mini PC (Model: KT-M9):

| Feature | Detail |
|------------------|--|
| Processor | Intel Core i9-12900HK (14 Cores, 20 Threads, up to 5.0GHz) |
| RAM | 32GB DDR4 SDRAM (3200MHz) |
| Storage | 2TB PCIe 3.0 NVMe SSD |
| Graphics | Intel Iris Xe Graphics (Integrated) |
| Operating System | Windows 11 Pro |
| Video Output | HDMI 2.1 (4K@60Hz), DisplayPort 1.4a (8K@60Hz), Type-C |
| USB Ports | 2 x USB 3.0, 2 x USB 2.0, 1 x Type-C |
| Network | WiFi 6, Bluetooth 5.2, RJ45 (1000M) |
| Dimensions | 9.57 x 7.13 x 3.03 inches (Package) |
| Weight | 2.57 pounds |

7. MAINTENANCE

To ensure the longevity and optimal performance of your Mini PC, consider the following maintenance tips:

- **Cooling:** The advanced copper cooling fan and multiple vents are designed for efficient heat dissipation. Ensure proper airflow around the device and avoid blocking the vents.
- **Cleaning:** Regularly clean the exterior of the Mini PC with a soft, dry cloth. Avoid using liquid cleaners directly on the device.
- **Software Updates:** Keep your Windows operating system and drivers updated to ensure system stability and security.

POWER, PRECISION & PROTECTION

Crafted with a Durable Metal Shell and Smart Display,
Engineered for Performance, Stability, and Style



Image: An exploded view of the Mini PC's internal components, highlighting the metal matte finish, PCIe SSD storage, high-speed DDR4 memory, and the efficient cooling system with a silent copper fan.

8. TROUBLESHOOTING

If you encounter issues with your Mini PC, please refer to the following common solutions:

- **Display Issues:** Ensure your HDMI device is connected before turning on the computer. Use the provided HDMI cable and avoid other adapter cables for HDMI connections to prevent compatibility issues.
- **Driver Compatibility:** To prevent potential compatibility problems, avoid installing third-party drivers unless specifically instructed by KOOSMILE support.
- **System Performance:** If the system feels slow, check the smart display for CPU usage and temperature. Ensure adequate ventilation and close unnecessary applications.
- **Buzzing Sound:** One user reported a buzzing sound that went away after restarting. If this persists, contact customer support.

9. WARRANTY AND SUPPORT

KOOSMILE offers a 1-year free warranty for this product. For any technical assistance, questions, or support needs, please reach out to our customer service team via email. Our team is dedicated to providing prompt and patient support. Please refer to the contact information provided with your purchase or on the official KOOSMILE website for specific support channels.