

KAMRUI E3

KAMRUI Essenx E3 Mini Computer User Manual

Model: E3

1. OVERVIEW

The KAMRUI Essenx E3 Mini Computer is a compact desktop PC designed for various applications including office work, business, and home use. It features an AMD Ryzen 5 3500U processor, 16GB DDR4 RAM, and a 1TB NVMe PCIe 3.0 SSD, providing efficient performance for daily tasks. This mini PC supports dual Gigabit LAN for reliable network connectivity and triple 4K display output for enhanced productivity.

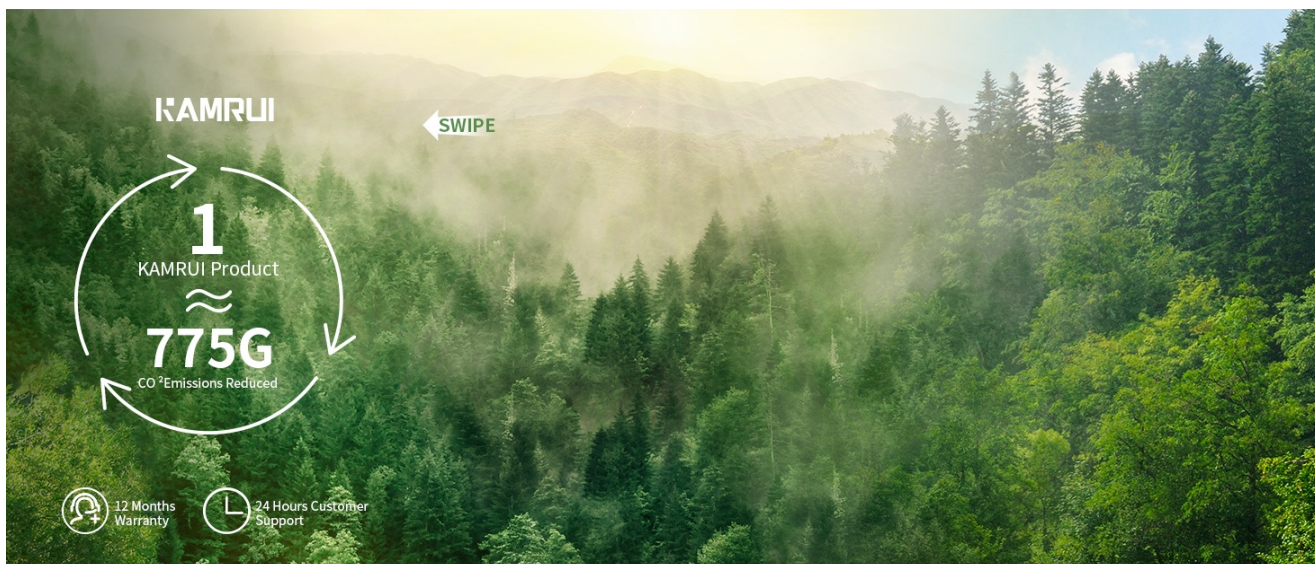


Image 1.1: KAMRUI Essenx E3 Mini Computer highlighting its core specifications and features.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x KAMRUI E3 Mini PC
- 1 x HDMI Cable
- 1 x VESA Mount with Screws
- 1 x Power Adapter

- 1 x User Manual

3. SETUP INSTRUCTIONS

Follow these steps for initial setup of your KAMRUI Essenx E3 Mini Computer:

1. **Connect Display:** Connect your monitor(s) to the mini PC using the HDMI, DisplayPort (DP1.4), or USB-C ports. The device supports up to three 4K displays simultaneously.
2. **Connect Peripherals:** Plug in your keyboard, mouse, and other USB devices into the available USB 2.0, USB 3.0, or USB 3.2 Gen2 Type-A/Type-C ports.
3. **Connect Network:** For wired internet access, connect an Ethernet cable to one of the two Gigabit LAN ports. For wireless connectivity, ensure your Wi-Fi network is available.
4. **Connect Power:** Plug the power adapter into the DC IN port on the mini PC, then connect the adapter to a power outlet.
5. **Power On:** Press the power button located on the front of the mini PC to turn on the device.



Image 3.1: Port layout of the KAMRUI Essenx E3 Mini Computer.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **To Power On:** Press the power button on the front of the device.
- **To Shut Down:** Access the operating system's power options (e.g., Start Menu > Power > Shut down in Windows) or press and hold the power button for 5 seconds to force a shutdown (not recommended for regular use).

4.2 Display Configuration

The mini PC supports connecting up to three 4K displays simultaneously. After connecting your monitors, you may need to configure display settings within your operating system (e.g., Windows Display Settings) to extend or duplicate your desktop.

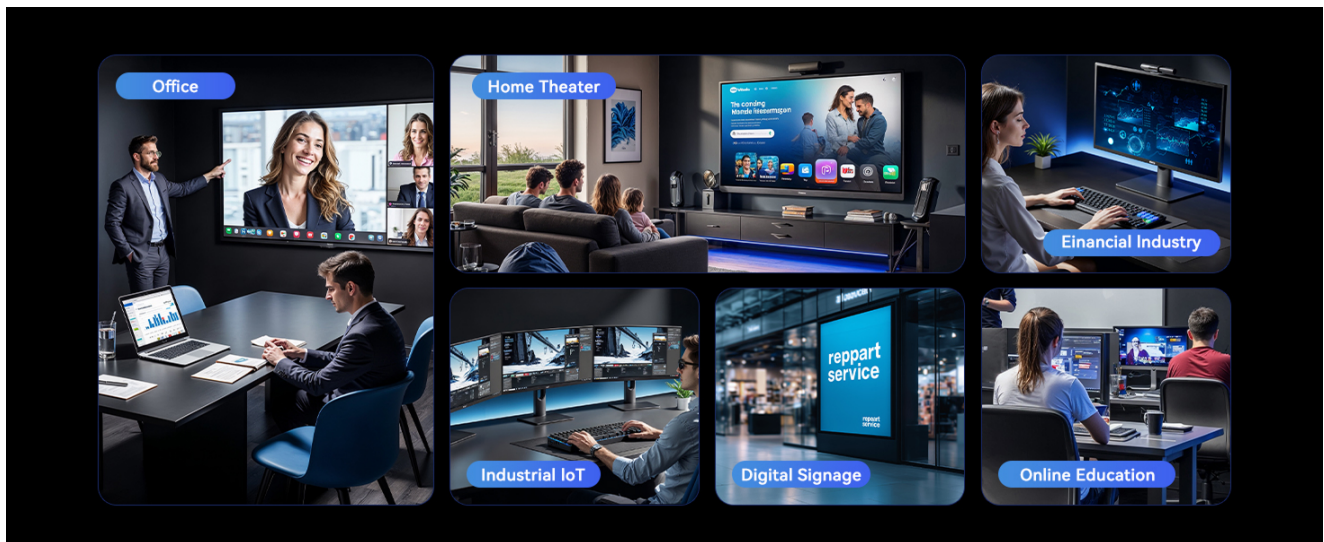


Image 4.1: Triple-screen display setup with the KAMRUI Essenx E3 Mini Computer.

4.3 Network Connectivity

Utilize the dual Gigabit LAN ports for stable wired network connections, ideal for professional environments or home labs. Wireless connectivity is also available for convenience.

High-Capacity Perf-Optimized RAM

Equipped with **16GB of fast DDR4** memory providing ample bandwidth for smooth multitasking rapid application loading, and enhanced overall system responsiveness

16GB DDR4

Image 4.2: Dual LAN ports for enhanced network reliability.

4.4 Storage and Memory Upgrades

The KAMRUI Essenx E3 Mini PC is designed for easy upgrades. You can expand the RAM or add a second SSD to increase storage capacity. Refer to the detailed specifications for compatible memory and storage types.



Image 4.3: High-capacity DDR4 RAM module.



Image 4.4: 1TB NVMe PCIe 3.0 SSD for rapid storage access.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your mini PC.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using liquid cleaners directly on the PC. For vents, use compressed air to remove dust buildup.
- **Software Updates:** Regularly update your operating system and drivers to ensure system stability and security.
- **Cooling System:** The mini PC features a dual-fan thermal design with copper heat pipes for efficient cooling. Ensure the vents are not obstructed to maintain proper airflow.



Radeon Vega 8 1200MHz

Small body, high energy | AMD Radeon Vega 8 1200MHz core display mini PC appears

Smooth running of lightweight games without the need for an External GPU

Supports 4K HDR ultra clear decoding and multi screen 4K output

Making it easy to handle whether it's office design, audio-visual entertainment, or light creative work

Image 5.1: High-efficiency triple cooling system components.

6. TROUBLESHOOTING

If you encounter issues with your KAMRUI Essenx E3 Mini Computer, refer to the following common problems and solutions:

Problem	Possible Solution
No power/Device does not turn on	Ensure the power adapter is securely connected to both the mini PC and a working power outlet. Check the power button.
No display on monitor	Verify that the display cable (HDMI, DP, USB-C) 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 cable or port.
No internet connection	For wired connections, check the Ethernet cable and router. For Wi-Fi, ensure Wi-Fi is enabled in the operating system and you are connected to the correct network with the correct password.
Slow performance	Close unnecessary applications. Check for background processes. Ensure sufficient free storage space. Consider upgrading RAM or SSD if performance issues persist.
Peripheral devices not recognized	Try connecting the device to a different USB port. Ensure drivers are installed if required. Restart the mini PC.

7. SPECIFICATIONS

Detailed technical specifications for the KAMRUI Essenx E3 Mini Computer:

Feature	Detail
Processor	AMD Ryzen 5 3500U (4-Core, 8-Thread, up to 3.7GHz)
Graphics	Integrated Radeon Vega 8 Graphics (1200MHz)

Feature	Detail
RAM	16 GB DDR4 (2 SO-DIMM DDR4 slots, expandable up to 32GB)
Storage	1 TB NVMe PCIe 3.0 SSD (1*M.2 2280 PCIe3.0x4 Slot, 1*M.2 2280 PCIe3.0x1 Slot, expandable up to 4TB)
Operating System	OS Pro
Video Output	Triple 4K Display (HDMI 2.0, DisplayPort 1.4, USB-C)
Network	Dual Gigabit LAN, 802.11ac Wi-Fi, Bluetooth
USB Ports	1x USB 2.0, 3x USB 3.0, 1x USB 3.2 Gen2 Type-C, 2x USB 3.2 Gen2 Type-A
Audio	3.5mm Audio Jack
Dimensions (LxWxH)	5.04 x 5.04 x 2.05 inches
Weight	1.37 pounds



Image 7.1: AMD Ryzen 5 3500U processor details.



Image 7.2: Radeon Vega 8 Graphics details.

8. WARRANTY AND SUPPORT

KAMRUI provides comprehensive support for its products.

- **Warranty:** The KAMRUI Essenx E3 Mini Computer comes with a 12-month warranty.
- **Technical Support:** Lifetime technical support is available for product assistance.
- **Returns:** A 30-day return policy is typically offered.

For further assistance, please refer to the official KAMRUI support channels or visit the [KAMRUI Brand Store](#).



Image 8.1: KAMRUI customer support and warranty information.