MINISFORUM UM773 Lite

MINISFORUM UM773 Lite Mini PC Instruction Manual

Model: UM773 Lite

1. INTRODUCTION

This manual provides essential instructions for setting up, operating, maintaining, and troubleshooting your MINISFORUM UM773 Lite Mini PC. Please read this guide thoroughly before using the device to ensure proper functionality and longevity.

2. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- 1x UM773 Lite Mini PC
- 1x HDMI Cable
- 1x Wall Mount Support
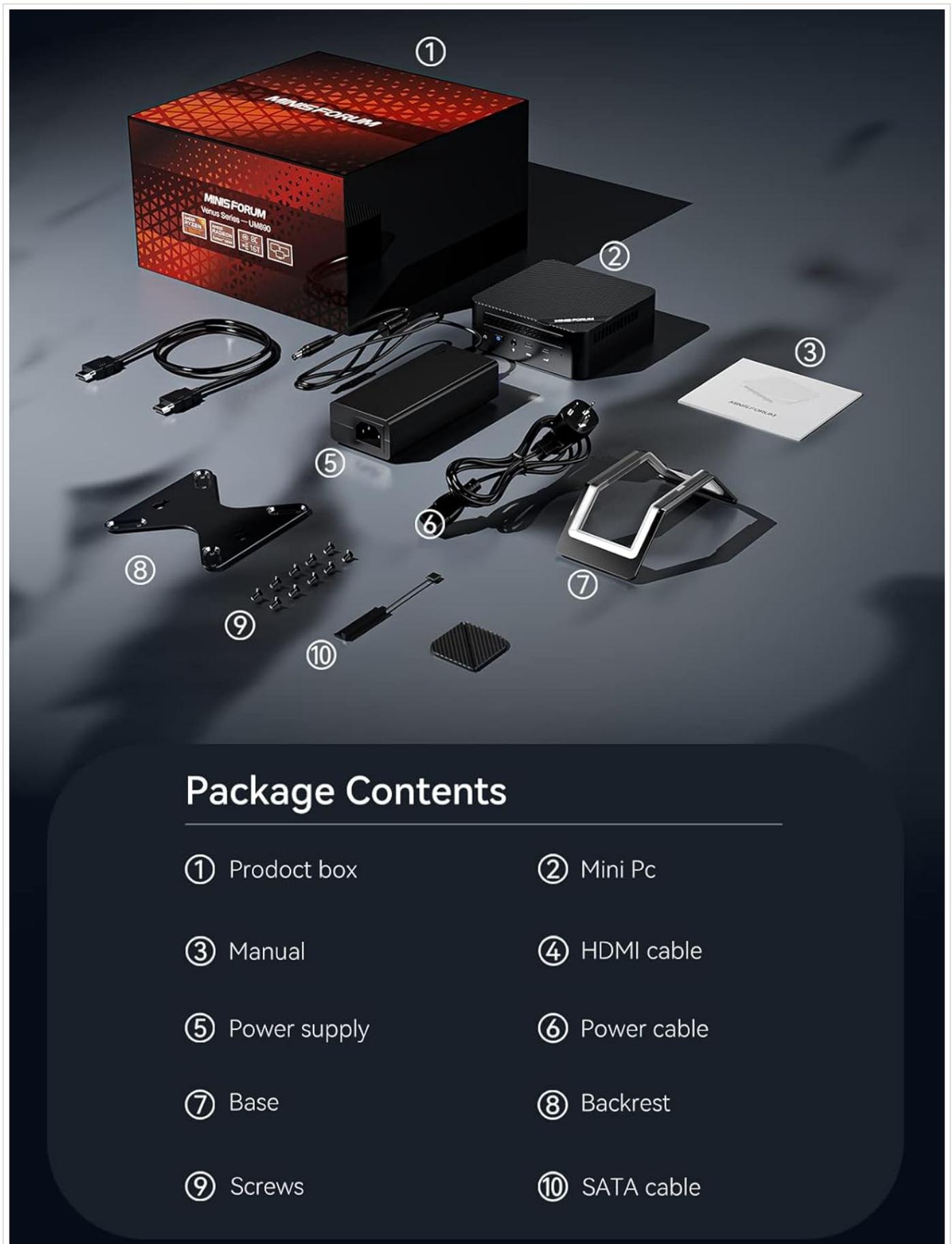- 1x US Power Adapter
- 1x Manual

Package Contents

① Prodoct box　　　② Mini Pc

③ Manual　　　④ HDMI cable

⑤ Power supply　　　⑥ Power cable

⑦ Base　　　⑧ Backrest

⑨ Screws　　　⑩ SATA cable

Image: Contents of the MINISFORUM UM773 Lite Mini PC package, including the mini PC, HDMI cable, wall mount, power adapter, and manual.

3. SETUP GUIDE

The MINISFORUM UM773 Lite is a barebones system, meaning RAM and SSD are not pre-installed. Follow these steps to prepare your Mini PC for first use.

3.1 Installing RAM and SSD

To install the necessary components, you will need to open the bottom cover of the Mini PC. Ensure the device is powered off and disconnected from all power sources before proceeding.

1. Carefully open the back cover of the Mini PC.
2. Install the DDR5 RAM modules into the SODIMM slots. Gently push down until they click into place.
3. Install the M.2 2280 NVMe SSD into its dedicated slot. Secure it with the provided screw.
4. Optionally, install an M.2 to Oculink adapter or an additional SSD if desired, securing it with screws.
5. Reinstall the bottom cover, ensuring it is securely fastened.

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Video: A step-by-step guide demonstrating how to open the mini PC, install RAM, install an M.2 SSD, and reinstall the bottom cover. This process is applicable to the UM773 Lite for component installation.
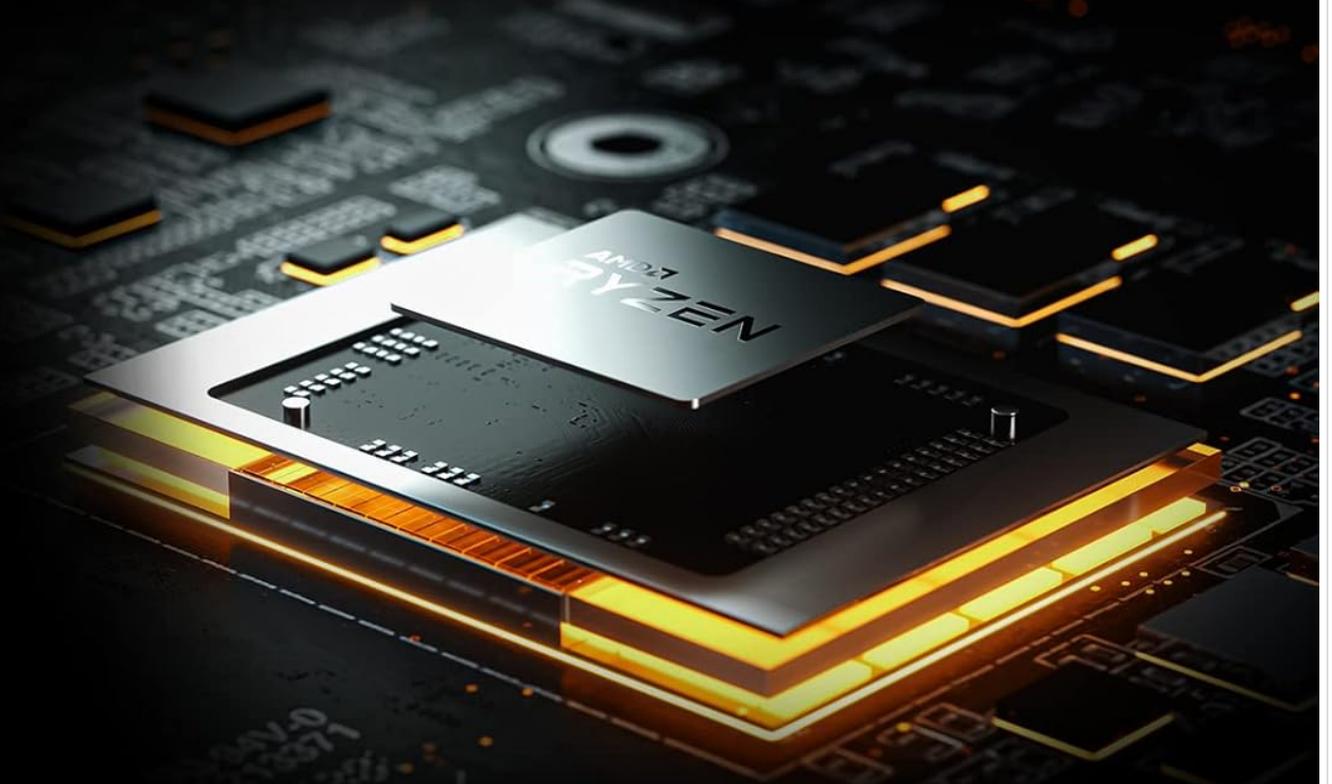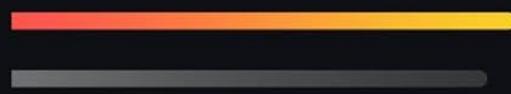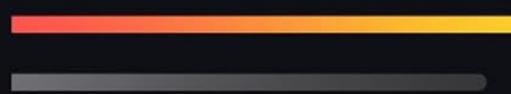
Image: Internal view of the MINISFORUM UM773 Lite Mini PC, highlighting the DDR5 SODIMM slots and the M.2 2280 PCIe4.0 SSD slot, along with a 2.5-inch SATA HDD slot.

3.2 Connecting Peripherals

After installing internal components, connect your peripherals:

- Connect a monitor to one of the HDMI ports or the USB4 port.
- Connect a keyboard and mouse to the USB ports.
- Connect the power adapter to the DC 19V port and then to a power outlet.
- For wired network access, connect an Ethernet cable to the 2.5Gbps LAN port.
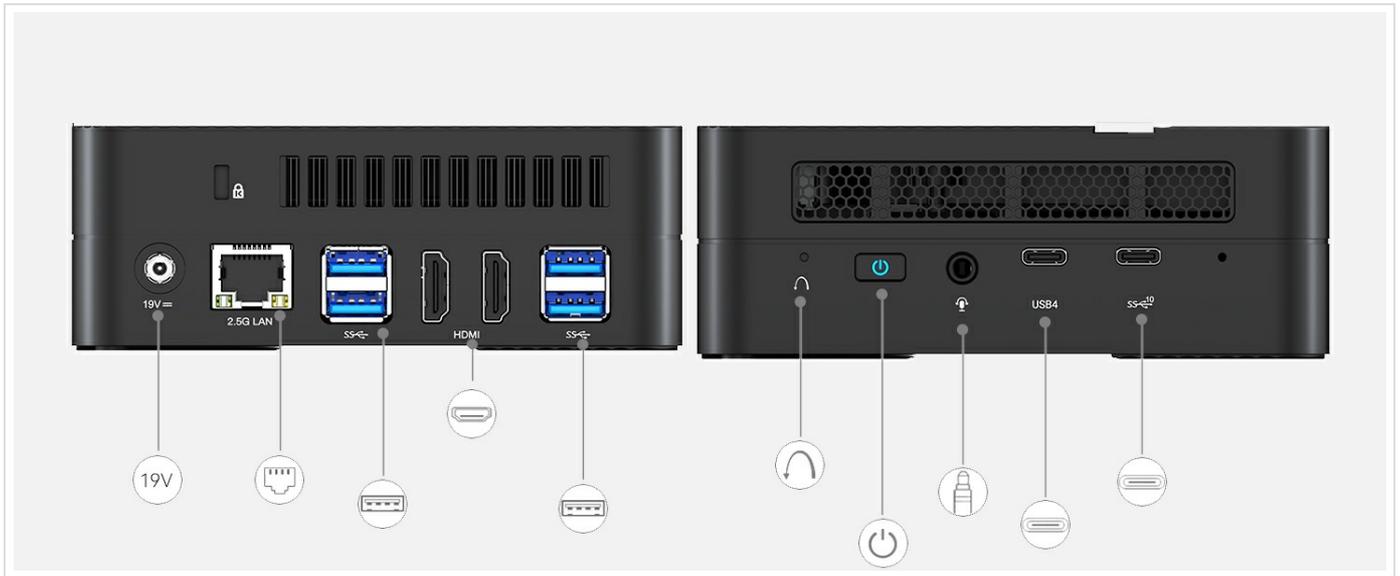
Image: Diagram illustrating the various ports on the MINISFORUM UM773 Lite Mini PC, including USB 2.0, USB 3.2 Gen2, HDMI, USB4, 2.5G LAN, DC 19V, 3.5mm Combo Jack, and Power Button.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

Press the power button located on the front of the Mini PC to turn it on. To power off, use the operating system's shutdown function or press and hold the power button for a few seconds.

4.2 Display Configuration

The UM773 Lite supports multiple display outputs:

- Two HDMI ports (up to 4K@60Hz each)
- One USB4 port (up to 8K@60Hz)

These ports allow for a triple-monitor setup, enhancing productivity and visual experience. Connect your displays and configure them through your operating system's display settings.

M.2 2280 PCle4.0 SSD

DDR5 Dual channel
(SODIMM Slots ×2, up to 64GB)

1×2.5 inch SATA HDD Slot
(SATA 3.0 6.0Gb/s)

Image: The MINISFORUM UM773 Lite Mini PC connected to three external monitors, demonstrating its multi-display capability for enhanced workflow.

4.3 Network Connectivity

The Mini PC features a 2.5Gbps LAN port for high-speed wired internet access and supports 802.11ax (Wi-Fi 6) for

wireless connectivity. Ensure your router supports these standards for optimal performance.
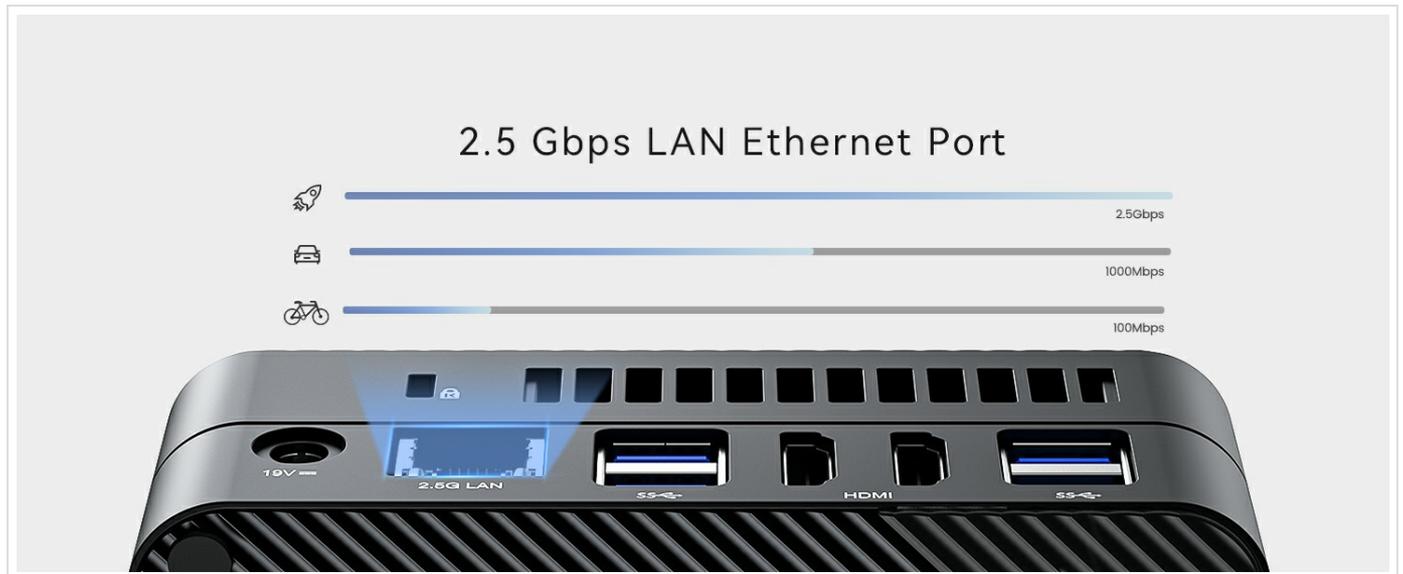

Image: Close-up view of the 2.5Gbps LAN Ethernet port on the MINISFORUM UM773 Lite, indicating high-speed network capabilities.

5. MAINTENANCE

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

5.1 Component Upgrades

The UM773 Lite allows for easy upgrades of RAM and storage. Refer to section 3.1 for instructions on accessing internal components. The device supports:

- 2x DDR5 SODIMM slots (up to 32GB per slot, max 64GB total)
- 1x M.2 2280 NVMe SSD slot (PCIe4.0, up to 2TB)
- 1x 2.5-inch SATA HDD slot (up to 2TB)

Image: Exploded view of the MINISFORUM UM773 Lite, illustrating the accessible M.2 2280 PCIe4.0 SSD slot, DDR5 SODIMM slots, and 2.5-inch SATA HDD slot for easy upgrades.

5.2 Cooling System

The Mini PC features an efficient cooling system with a high-power fan and liquid metal thermal interface material. To

maintain optimal cooling performance, ensure the ventilation grilles are free from dust and obstructions. Periodically clean the exterior with a soft, dry cloth.

High Efficiency Thermal System
360° AIR VENTS
Adopt 4 air vents on the case for fluent airflow

Smart Fan
Create higher airflow under low RPM

Dual Heat Sink
Transfer large amounts of heat rapidly

Liquid Metal
Better thermal conductivity than thermal paste

Image: Diagram showing the heat dissipation system of a MINISFORUM Mini PC, highlighting 360-degree air vents, smart fan, dual heat sink, and liquid metal for efficient cooling.

6. TROUBLESHOOTING

If you encounter issues with your MINISFORUM UM773 Lite, 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.
- **No Display:** Check all HDMI or USB4 cable connections to the monitor and Mini PC. Try a different cable or monitor if possible. Ensure the monitor is set to the correct input source.
- **No Boot/Operating System Issues:** For barebones systems, confirm that RAM and SSD are correctly installed and seated firmly in their slots. If installing a new OS, ensure the bootable media is properly created and selected in the BIOS/UEFI settings.
- **Network Connectivity Problems:** For wired connections, check the Ethernet cable and router. For Wi-Fi, ensure the Wi-Fi module is properly installed (if applicable for barebones) and drivers are installed in the OS. Verify Wi-Fi is enabled in the operating system.
- **Overheating:** Ensure the Mini PC has adequate ventilation and is not placed in an enclosed space. Clean any dust from the vents. Monitor component temperatures using system monitoring software.

If problems persist, consult the MINISFORUM support website or contact customer service for further assistance.

7. SPECIFICATIONS

Feature	Detail
Model Name	UM773 Lite
Processor	AMD Ryzen 7 7735HS (8C/16T, up to 4.9GHz)
Graphics	AMD Radeon 680M (Graphics Frequency 2200 MHz)
RAM (Barebones)	2x DDR5 SODIMM slots (up to 64GB total)

Storage (Barebones)	1x M.2 2280 PCIe4.0 SSD slot (up to 2TB), 1x 2.5-inch SATA HDD slot (up to 2TB)
Video Output	2x HDMI (4K@60Hz), 1x USB4 (8K@60Hz)
LAN	2.5Gbps LAN Port
Wireless Connectivity	802.11ax (Wi-Fi 6)
USB Ports	2x USB 2.0, 2x USB 3.0 (USB 3.2 Gen2 Type-A)
Audio	3.5mm Combo Jack
Dimensions (LxWxH)	5 x 4.9 x 1.8 inches (128 x 125 x 48.2 mm)
Weight	2.2 pounds
Operating System	Windows 11 Pro (not included in barebones)

Image: Diagram illustrating the physical dimensions of the MINISFORUM UM773 Lite Mini PC.

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official MINISFORUM website or the documentation provided with your purchase. Keep your proof of purchase for warranty claims.