

PELADN PL2US-WO7-7735U-32-1-BK

PELADN WO7 Mini PC R7-7735U Instruction Manual

MODEL: PL2US-WO7-7735U-32-1-BK

Brand: PELADN

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1. INTRODUCTION

The PELADN WO7 Mini PC R7-7735U is a high-performance, ultra-compact desktop computer designed for gaming, multimedia, business, and everyday use. Featuring an AMD Ryzen 7 7735U processor, 32GB DDR5 RAM, and a 1TB PCIe3.0 SSD, it offers robust performance in a small form factor. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Mini PC.

2. WHAT'S IN THE BOX

Verify that all items are present in the package:

- WO-7 7735U Mini PC
- VESA Mount with Screws
- Power Adapter
- HDMI cable
- User Manual

Packaging Content

1. Peladn WO7 Mini PC
2. Power Adapter
3. HD Cable
4. VESA Mount with Screws
5. User Manual



Peladn WO7 Mini PC



User Manual



HD Cable



VESA Mount with Screws

Image: Contents of the PELADN WO7 Mini PC package, including the mini PC unit, power adapter, HDMI cable, VESA mount, and user manual.

3. SETUP GUIDE

1. **Connect Power:** Plug the power adapter into the DC-in port on the Mini PC and then into a power outlet.
2. **Connect Display:** Connect your monitor(s) to the Mini PC using the HDMI 2.0, DisplayPort 1.4, or Dual Type-C ports. The Mini PC supports triple display output (max 4K 60Hz).
3. **Connect Peripherals:** Connect your keyboard, mouse, and other USB devices to the available USB 3.2 (x2) or USB 2.0 (x2) ports.
4. **Network Connection:** For a stable network, connect an Ethernet cable to one of the RJ45 LAN ports (1000Mbps). Alternatively, the Mini PC supports WiFi 6 (802.11ax/ac) for wireless connectivity.
5. **Power On:** Press the power button on the front of the Mini PC. The system should boot up.

Your browser does not support the video tag.

Video: This video demonstrates the setup and connectivity options of a PELADN Mini PC, including connecting power, display, and peripherals. It highlights the compact design and various ports available.

AMD Ryzen 7 7735U Processor

CPU Performance Increased by
30% Compared to Previous
5825U Processor

30W **16MB** **8/16**
TDP L3 Cache Cores/Threads

2.7-4.75GHz

Frequency



Cinebench R23 (Single Core)



Cinebench R23 (Multi Core)



Image: The PELADN WO7 Mini PC shown with various cables connected to its ports, illustrating a typical setup for use with a monitor and other peripherals.

4. OPERATING INSTRUCTIONS

4.1. Initial Boot and Operating System

The PELADN WO7 Mini PC comes pre-installed with an operating system (OS). Upon first boot, follow the on-screen instructions to complete the initial setup of the OS. The device is compatible with Windows (11 Pro, 11, 10 Pro, 10), Ubuntu, Linux, and Firewall Server.

4.2. Display Configuration

The Mini PC supports triple display output via HDMI 2.0, DisplayPort 1.4, and Dual Type-C ports, allowing for multi-tasking across multiple screens. Ensure your monitors are connected and configured through the operating system's display settings.



Image: A desk setup featuring three monitors connected to a PELADN Mini PC, demonstrating its triple-screen display capability for enhanced productivity and entertainment.

4.3. Network and Wireless Connectivity

Utilize the dual RJ45 LAN ports for wired network connections, offering speeds up to 1000Mbps. For wireless connectivity, the Mini PC supports dual-band WiFi 6 (802.11ax/ac) and Bluetooth 5.2 for connecting wireless peripherals like mice, keyboards, and headphones.

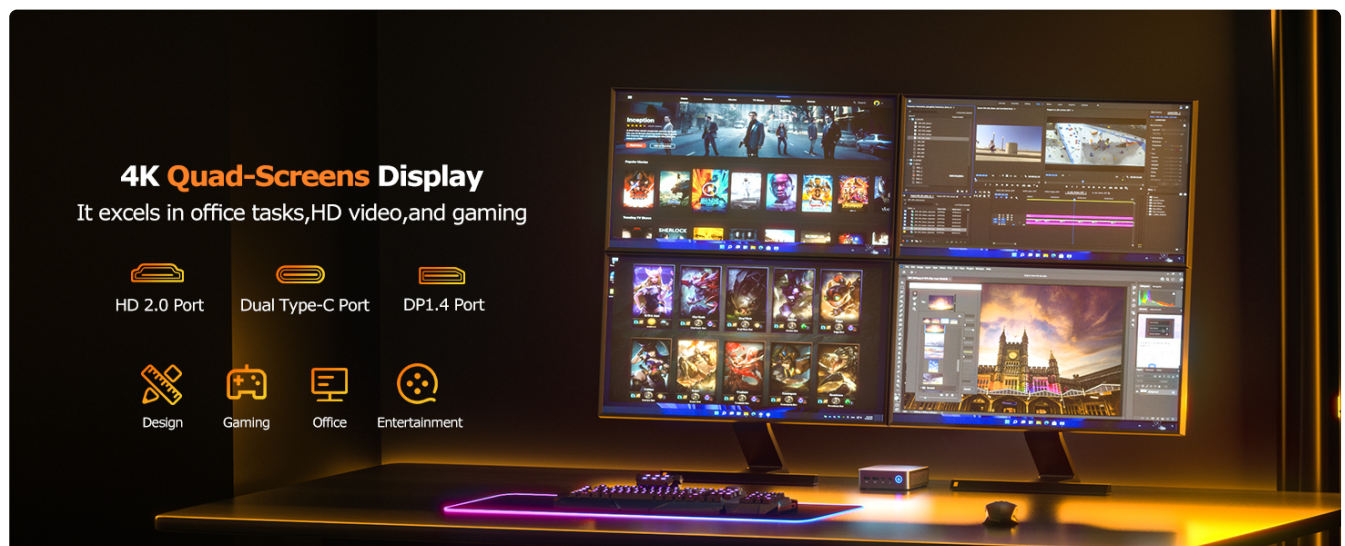


Image: The PELADN Mini PC on a desk, illustrating its stable network connections with WiFi 6 and Bluetooth 5.2, surrounded by wireless devices.

4.4. BIOS Settings and Boot Options

To enter BIOS setup, press the **"Del"** key during startup. To enter the boot options menu, press **"F7"**. Be cautious when changing BIOS settings, as unauthorized alterations may prevent the computer from booting correctly.

5. MAINTENANCE

5.1. Cooling System

The PELADN WO7 Mini PC features an upgraded dual-turbo copper tube cooling fan designed to effectively reduce CPU heat and noise. Ensure proper airflow around the device by keeping vents clear of obstructions.

Meets Various Compatibility and Expansion Needs



Image: An exploded view diagram illustrating the innovative fan cooling system of the PELADN Mini PC, highlighting its large heat dissipation area, air vents, and professional infusion structure.

5.2. Memory and Storage Expansion

The Mini PC supports RAM expansion up to 64GB (32*2) and SSD expansion up to 4TB (M.2 2280 PCIe4.0 and M.2 2280 PCIe3.0 SSD). The top cover can be easily opened for access to memory and SSD slots for upgrades or replacement.

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Video: This video demonstrates how to disassemble a BOSGAME Mini PC to access and inspect memory modules, and how to perform a CMOS reset. This process is similar for the PELADN WO7 Mini PC for memory and storage upgrades.

Complete Tasks Quickly with Dual Channel DDR5 & PCIe

More efficient performance and gaming experience

4800MHz DDR5
3200MHz DDR4
42%
37GB/s
26GB/s

PCIe3.0
SATA
400%
3500MB/s
768MB/s

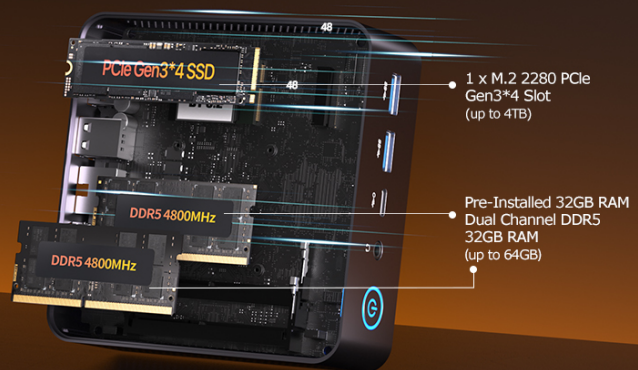


Image: An internal view of the PELADN Mini PC, highlighting the dual-channel DDR5 RAM slots and the PCIe 3.0 M.2 2280 NVMe SSD slot, indicating expandability.

6. TROUBLESHOOTING

6.1. No Display Output

- Ensure all display cables (HDMI, DP, Type-C) are securely connected to both the Mini PC and the monitor.
- Verify the monitor is powered on and set to the correct input source.
- Try connecting to a different display port or using a different cable.
- Perform a CMOS reset if necessary (refer to BIOS settings section for details).

6.2. System Not Booting

- Check if the power adapter is correctly connected and receiving power.
- Ensure memory modules and SSD are properly seated in their slots.
- If you recently changed BIOS settings, try performing a CMOS reset.

6.3. Network Connectivity Issues

- For wired connections, ensure the Ethernet cable is properly connected to both the Mini PC and the router/modem. Check router status.
- For wireless connections, verify WiFi is enabled in the OS and you are connected to the correct network. Restart your router/modem if issues persist.
- Bluetooth 5.2 connectivity issues can often be resolved by restarting the Mini PC or re-pairing the device.

7. SPECIFICATIONS

Feature	Detail
Processor	AMD Ryzen 7 7735U (2.7 GHz, 4.75 GHz boost, 16MB L3 Cache, 8 Cores, 16 Threads)
Graphics Coprocessor	AMD Radeon™ 760M (Integrated, 4 GB RAM)
RAM	32GB DDR5 (4800MHz, expandable up to 64GB)
Storage	1TB PCIe 3.0 SSD (M.2 2280 NVMe, expandable up to 4TB)
Operating System	OS (Compatible with Windows 10/11, Ubuntu, Linux, Firewall Server)
Video Output	HDMI 2.0 (4K@60Hz), Dual Type-C (USB3.2/DP1.4), DP 1.4 (4K@60Hz) - Triple Display Support
USB Ports	2x USB 3.2 (10Gbps), 2x USB 2.0, Dual Type-C
Network	RJ45 LAN (1000Mbps), WiFi 6 (802.11ax/ac), Bluetooth 5.2
Audio	3.5mm Audio Jack
Dimensions	6.22 x 6.18 x 4.43 inches
Weight	2.2 pounds

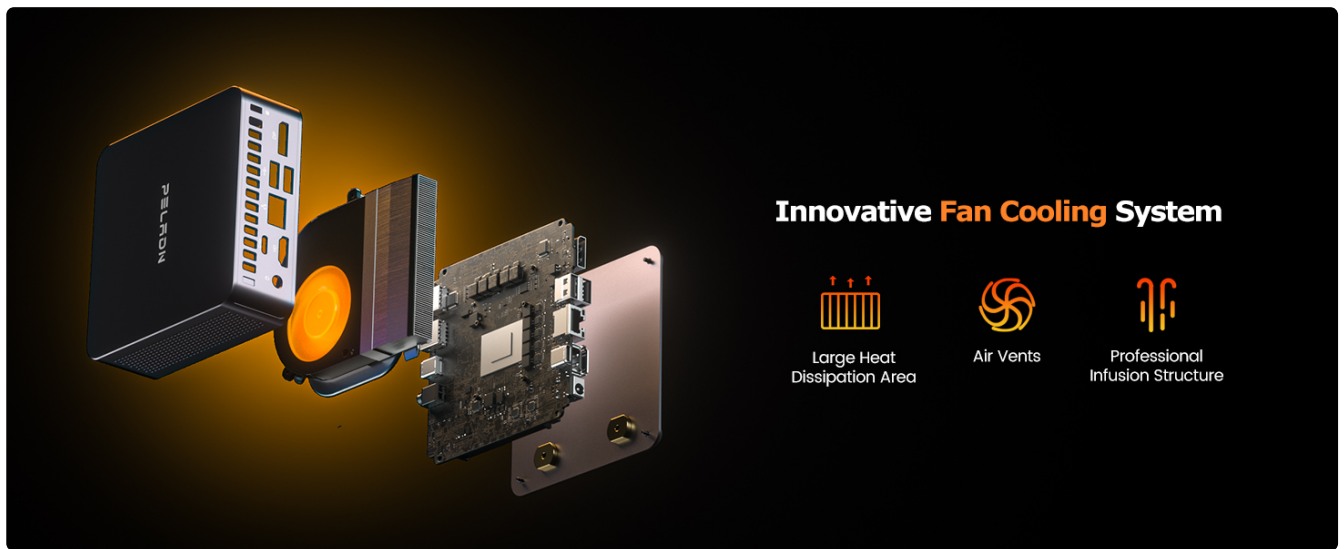


Image: A detailed illustration of the PELADN Mini PC's multiple interfaces, including USB, HDMI, DP, Type-C, LAN, and audio ports, demonstrating its rich connectivity options.

8. WARRANTY AND SUPPORT

PELADN provides a 12-month limited warranty for each Mini PC, starting from the purchase date. This warranty covers defects in design and workmanship. For any issues or support needs, please contact the dedicated PELADN after-sales team. Refer to the official PELADN website or the included user manual for specific contact information.