

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [PELADN](#) /

› [PELADN Mini PC WO4 7640HS User Manual](#)

## PELADN WO4 7640HS

# PELADN Mini PC WO4 7640HS User Manual

Model: WO4 7640HS

## 1. INTRODUCTION

---

This manual provides essential information for the setup, operation, and maintenance of your PELADN Mini PC WO4 7640HS. Please read these instructions carefully before using the device to ensure optimal performance and longevity.

## 2. PACKAGE CONTENTS

---

Verify that all items are present in the package:

- PELADN Mini PC WO4 7640HS
- Power Adapter
- HDMI Cable
- VESA Mount Bracket and Screws
- User Manual (this document)

## 3. PRODUCT OVERVIEW

---

The PELADN Mini PC WO4 7640HS is a compact desktop computer featuring an AMD Ryzen 5 7640HS processor with integrated Radeon 760M graphics. It comes equipped with 16GB DDR5 RAM and a 512GB NVMe SSD, designed for efficient performance in various applications.

## AMD Radeon 760M



**8 CU**  
GPU Cores

**2600 MHz**  
GPU Frequency

## AMD Ryzen 5 7640HS



**6 Core**  
12 Threads

**TSMC**  
TSMC 4nm Technology



### 16GB DDR5

Support Dual SO-DIMM DDR5, up to 64GB



### 512 GB NVMe SSD

SSD Slot: 1\*PCIe 4.0 x4 M.2 + 1\*PCIe 3.0 x4 M.2  
(Max support 4TB)

## Versatile Ports






## Cooling System

1. Silent fan
2. Heat Pipe/heat sink
3. Hard drive cooling cover

Image: Overview of the PELADN Mini PC WO4 7640HS, showcasing its AMD Ryzen 5 7640HS CPU, Radeon 760M GPU, 16GB DDR5 RAM, 512GB NVMe SSD, versatile ports, and cooling system.

## Front and Rear Ports

The Mini PC offers a variety of ports for connectivity:



Image: Detailed view of the front and rear ports on the PELADN Mini PC WO4 7640HS, including USB, Type-C, LAN, DP, and HD ports.

- **Front:** Power button, 2x USB 3.2 ports, 1x Type-C port, 1x 2-in-1 Audio Jack (HP&MIC), CLR CMOS button.
- **Rear:** DC-IN power port, 1x USB4 Type-C port, 1x 1G LAN port, 1x 2.5G LAN port, 1x DisplayPort 1.2, 1x

HD 2.0 port, 2x USB 2.0 ports.

## Cooling System

The device incorporates an IceBlast 1.5 Cooling Technology with a silent fan, heat pipe/heat sink, and a hard drive cooling cover to maintain optimal operating temperatures.



Image: Diagram illustrating the PELADN IceBlast 1.5 Cooling Technology, highlighting triple copper heat pipes, multiple fan blades, and top heat conductor.

## 4. SETUP INSTRUCTIONS

### 4.1 Connecting Peripherals

1. Connect your monitor(s) to the Mini PC using the HD (HDMI), DisplayPort, or Type-C ports.
2. Connect your keyboard and mouse to the available USB ports.
3. For wired network access, connect an Ethernet cable to one of the LAN ports.
4. Connect the power adapter to the DC-IN port on the Mini PC, then plug it into a power outlet.

### 4.2 Powering On

Press the power button located on the front of the Mini PC. The power indicator light will illuminate, and the system will begin to boot.

### 4.3 Initial Operating System Setup

The Mini PC comes with an operating system preinstalled. Upon first boot, you may be guided through an initial setup process for the operating system, which typically involves setting up user accounts, network connections, and basic preferences. Follow the on-screen instructions to complete this process.

*Note: Some units may require manual activation of the operating system after initial setup. Refer to the operating system's documentation for activation procedures if prompted.*

## 5. OPERATING INSTRUCTIONS

### 5.1 Basic Operation

Once the operating system is set up, you can use the Mini PC like any standard desktop computer. Navigate the interface with your mouse and keyboard, launch applications, and manage files.

## 5.2 Network Connectivity

The Mini PC supports both wired and wireless network connections.

- **Wired (LAN):** Connect an Ethernet cable to either the 1G or 2.5G LAN port for high-speed internet access.
- **Wireless (WiFi 6):** The device is equipped with WiFi 6 for fast and stable wireless connectivity. Access network settings in your operating system to connect to a Wi-Fi network.



Image: Illustration of the PELADN Mini PC's high-speed WiFi 6 and Bluetooth 5.2 wireless connectivity features.

## 5.3 Bluetooth 5.2

Utilize Bluetooth 5.2 to connect wireless peripherals such as headphones, speakers, or game controllers. Enable Bluetooth in your operating system settings and pair with desired devices.

## 5.4 Quadruple Display Setup

The Mini PC supports up to four 4K displays simultaneously via its DP Port, HD port, and dual Type-C ports. This allows for extended desktop environments for enhanced productivity or entertainment.

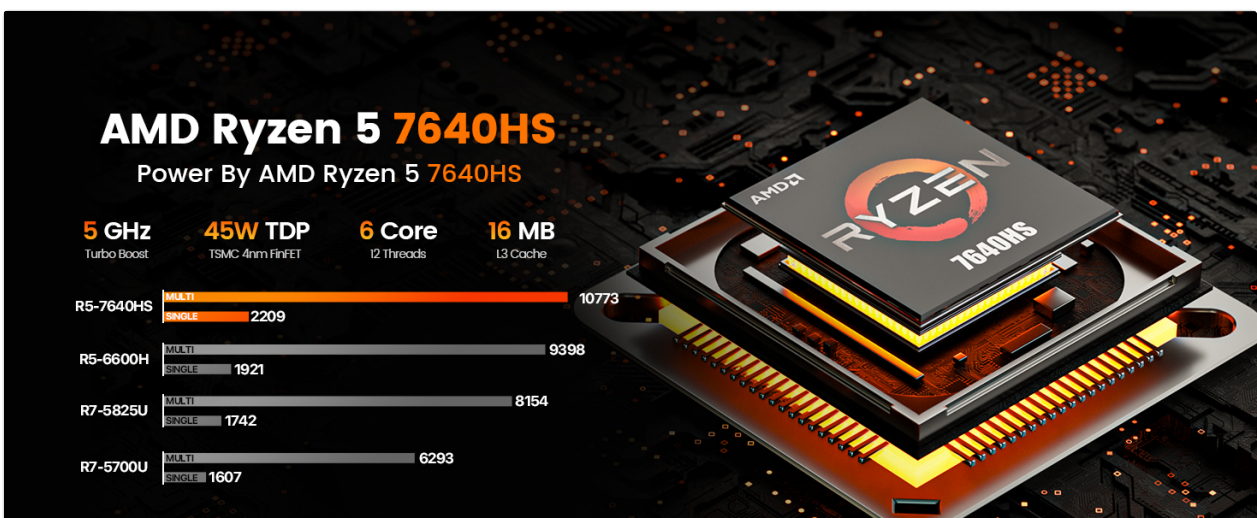


Image: Setup demonstrating the PELADN Mini PC's capability to support quadruple 4K displays using USB4 Type-C, USB3.2 Type-C, DisplayPort 1.2, and HD 2.0 connections.

To configure multiple displays, access the display settings within your operating system. You can extend your desktop across screens or duplicate content.

## 6. STORAGE AND RAM UPGRADE

---

The PELADN Mini PC WO4 7640HS comes with 16GB DDR5 RAM and a 512GB NVMe SSD. Both components are upgradeable.

- **RAM:** Supports dual SO-DIMM DDR5, expandable up to 64GB.
- **SSD:** Features a 512GB NVMe SSD (PCIe 4.0 x4 M.2 + PCIe 3.0 x4 M.2), expandable up to 4TB.



Image: Internal view of the PELADN Mini PC, illustrating the dual-channel DDR5 RAM slots and M.2 NVMe SSD 2280 slots for storage expansion.

To access the RAM and SSD slots for upgrades, the case cover is held on by magnets, allowing for easy removal without tools. Exercise caution and follow proper anti-static procedures when handling internal components.

## 7. MAINTENANCE

---

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

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. For dust accumulation in vents, use compressed air. Ensure the device is powered off and unplugged before cleaning.
- **Ventilation:** Ensure the Mini PC is placed in a well-ventilated area to prevent overheating. Do not block the air vents.
- **Software Updates:** Regularly update your operating system and drivers to maintain security and performance.

## 8. TROUBLESHOOTING

---

If you encounter issues with your PELADN Mini PC, 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. Try a different outlet if necessary.
- **No Display:** Verify that the monitor is powered on and correctly connected to the Mini PC. Try different display ports or cables. Ensure the correct input source is selected on your monitor.
- **Operating System Not Activated:** If your operating system displays a message about not being activated, follow the activation steps provided by the OS manufacturer. This may require a product key.
- **Loose Internal Components:** In rare cases, a loose screw or component might be present inside the

chassis. If you suspect this, and are comfortable, the magnetic cover allows for inspection. If unsure, contact support.

- **Network Issues:** For wired connections, check the Ethernet cable and router. For Wi-Fi, ensure the Wi-Fi adapter is enabled and you are connecting to the correct network with the correct password.

For persistent issues, consult the PELADN support website or contact customer service.

## 9. SPECIFICATIONS

Feature	Specification
Brand	PELADN
Model Number	Mini PC WO4
CPU Model	AMD Ryzen 5 7640HS (6C/12T, up to 5Ghz)
Graphics Coprocessor	Radeon 760M (Integrated)
RAM Memory	16GB DDR5 (Expandable to 64GB)
Storage	512GB NVMe SSD (Expandable to 4TB)
Operating System	Preinstalled OS (Supports Linux, Ubuntu)
Video Output	HDMI 2.0, DisplayPort 1.2, Dual Type-C (Supports Quadruple 4K Display)
Connectivity	WiFi 6, Bluetooth 5.2, Dual LAN (1G & 2.5G)
USB Ports	2x USB 3.2, 2x USB 2.0, 1x Type-C (USB4), 1x Type-C (USB3.2)
Audio Jack	1x 2-in-1 (HP&MIC)
Item Weight	0.85 Kilograms
Dimensions	128mm x 128mm x 52mm (Approximate)

## 10. WARRANTY AND SUPPORT

### 10.1 Warranty Information

The PELADN Mini PC WO4 7640HS comes with a limited warranty. Please refer to the warranty card included in your package or visit the official PELADN website for detailed terms and conditions regarding warranty coverage and duration.

### 10.2 Customer Support

For technical assistance, troubleshooting, or any inquiries regarding your product, please contact PELADN customer support through their official website or the contact information provided in your product documentation. When contacting support, please have your product model number and purchase details ready.

