

PELADN WI-4

PELADN WI-4 Mini PC User Manual

MODEL: WI-4 (N5095/16GB+512GB)

1. Introduction

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your PELADN WI-4 Mini PC. Please read this manual thoroughly before using the device to ensure proper functionality and longevity.



Image: The PELADN WI-4 Mini PC, showcasing its compact design and various ports from front and side perspectives.

2. Package Contents

Verify that all items are present in the package:

- PELADN WI-4 Mini PC
- Power Adapter (DC 12V)
- HDMI 2.0 Cable
- VESA Mount
- User Manual

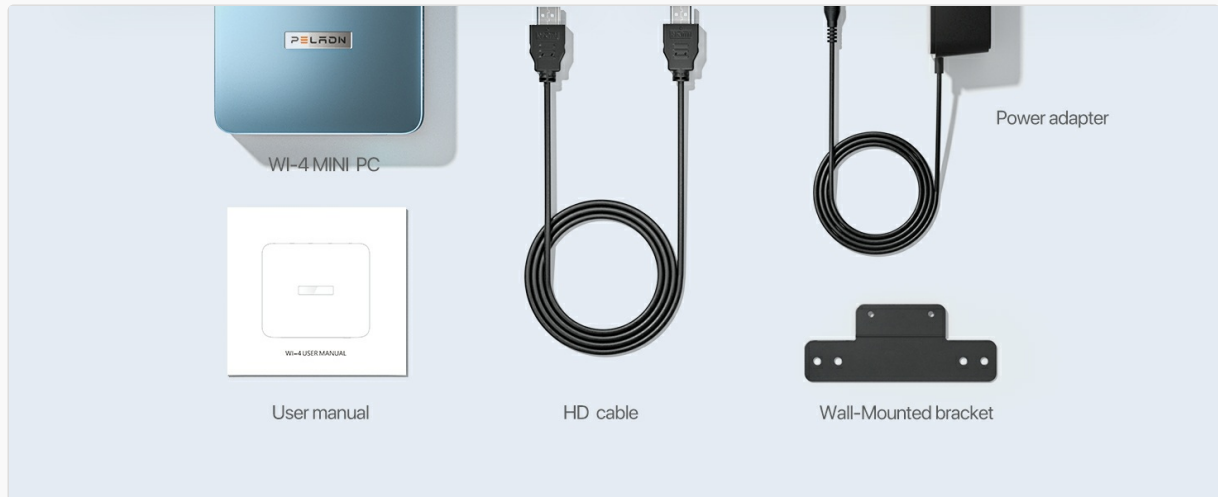


Image: Contents of the PELADN WI-4 Mini PC package, including the PC unit, power adapter, HDMI cable, VESA mount, and user manual.

3. Setup

3.1 Connecting Peripherals

1. Connect your monitor(s) to the HDMI ports on the back of the Mini PC using the provided HDMI cable or other compatible cables. The device supports dual 4K@60Hz displays.
2. Connect your keyboard and mouse to the available USB 3.0 ports.
3. For wired network access, connect an Ethernet cable to the RJ45 LAN port.
4. Connect the power adapter to the DC 12V port on the Mini PC, then plug the adapter into a power outlet.

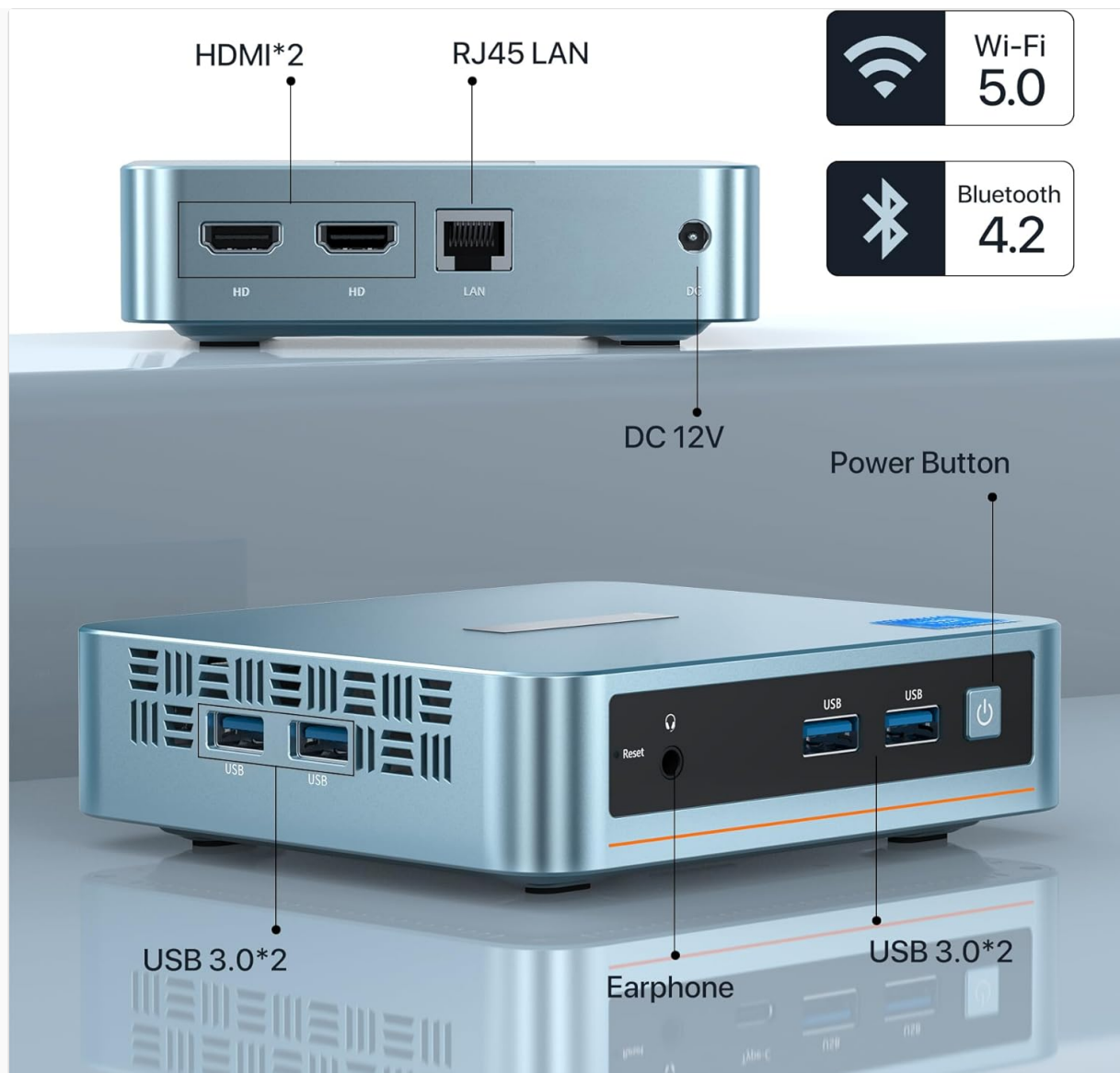


Image: Detailed view of the PELADN WI-4 Mini PC's front and rear ports, including HDMI, RJ45 LAN, DC power, USB 3.0, and audio jack.

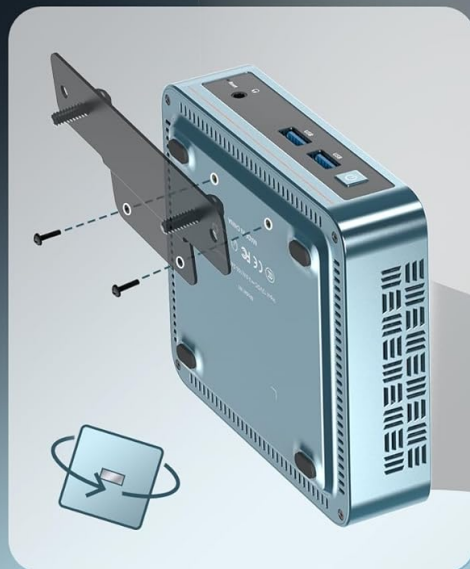
3.2 VESA Mount Installation

The included VESA mount allows you to attach the Mini PC to the back of a compatible monitor, saving desk space.

1. Secure the VESA bracket to the Mini PC using the provided screws.
2. Attach the Mini PC with the bracket to the VESA mounting holes on the back of your display using appropriate screws.

Suitable for Device with Handlebar

The included VESA mount optimizes your workspace



1. Fix bracket on MINI PC with screws.
2. Fix the bracket on the back of display with screws.



Image: Step-by-step illustration of how to install the PELADN WI-4 Mini PC using the VESA mount on the back of a monitor.

4. Operation

4.1 Power On/Off

- To power on: Press the power button located on the front of the Mini PC.
- To power off: Use the operating system's shutdown function. Alternatively, press and hold the power button for a few seconds for a forced shutdown (not recommended for regular use).

4.2 Network Connectivity

- **Wi-Fi:** The Mini PC supports dual-band 2.4G/5G Wi-Fi. Access network settings in your operating system to connect to a wireless network.
- **Ethernet:** If an Ethernet cable is connected, the system should automatically detect and connect to the wired network.

4.3 Bluetooth Connectivity

The Mini PC features Bluetooth 4.2. To connect Bluetooth devices, navigate to the Bluetooth settings in your operating system and pair your device.

4.4 Dual Display Configuration

The PELADN WI-4 supports connecting two 4K@60Hz displays simultaneously via its dual HDMI 2.0 ports. After connecting both monitors, you can configure display settings (e.g., extend, duplicate) within your operating system's display settings.

Immersive Visuals, Limitless Creativity

Dual HDMI 2.0 ports enable efficient multitasking across two 4K@60Hz displays



Image: The PELADN WI-4 Mini PC operating with two external monitors, demonstrating its dual display capability for enhanced productivity.

5. Upgrades and Maintenance

5.1 Storage Upgrade

The Mini PC comes with a 512GB M.2 SSD. This can be upgraded to a larger M.2 SSD, supporting up to 2TB.

5.2 RAM Upgrade

The device is equipped with 16GB DDR4 RAM. The RAM can be upgraded, with support for up to 16GB x 2 (total 32GB) depending on the specific model and available slots.

5.3 Cooling System

The PELADN WI-4 Mini PC includes an internal cooling fan designed to prevent overheating during operation and maintain stable performance. Ensure proper ventilation around the device.



Image: An exploded view of the PELADN WI-4 Mini PC, highlighting internal components such as the M.2 SSD, DDR4 RAM, and cooling fan.

6. Troubleshooting

- **No Power:** Ensure the power adapter is securely connected to both the Mini PC and a working power outlet.
- **No Display:** Check HDMI cable connections to both the Mini PC and the monitor. Ensure the monitor is powered on and set to the correct input source.
- **Sluggish Performance:** Close unnecessary applications. Ensure adequate ventilation to prevent thermal throttling. For dual monitor setups, especially with high resolutions, ensure your system resources are not overtaxed.
- **Network Issues:** For Wi-Fi, check router status and ensure correct password entry. For Ethernet, verify cable connection and router functionality.
- **Peripheral Not Detected:** Try connecting the peripheral to a different USB port. Ensure drivers are up to date if required by the peripheral.

7. Specifications

The following table outlines the key specifications of the PELADN WI-4 Mini PC:

Feature	Specification
Processor	11th Gen Intel Jasper Lake-N5095 (up to 2.9GHz), 4 Cores, 4 Threads
RAM	16GB DDR4 (2666 MHz)
Storage	512GB M.2 2280 SSD (Upgradeable to 2TB)
Graphics	Intel UHD Graphics
Display Output	Dual HDMI 2.0 (Supports 4K@60Hz)
Wireless Connectivity	Wi-Fi 5 (2.4G/5G), Bluetooth 4.2
Wired Connectivity	Gigabit Ethernet (RJ45)
Ports	USB 3.0 x 4, HDMI x 2, RJ45 LAN x 1, DC 12V x 1, Audio Jack x 1
Operating System	OS (Pre-installed Windows 11 Pro on some models)
Dimensions	124mm x 112mm x 35mm (4.88 x 4.41 x 1.38 inches)
Weight	Approximately 1.45 pounds
Special Features	VESA Mount support, Auto Power On, Wake on LAN, PXE Boot

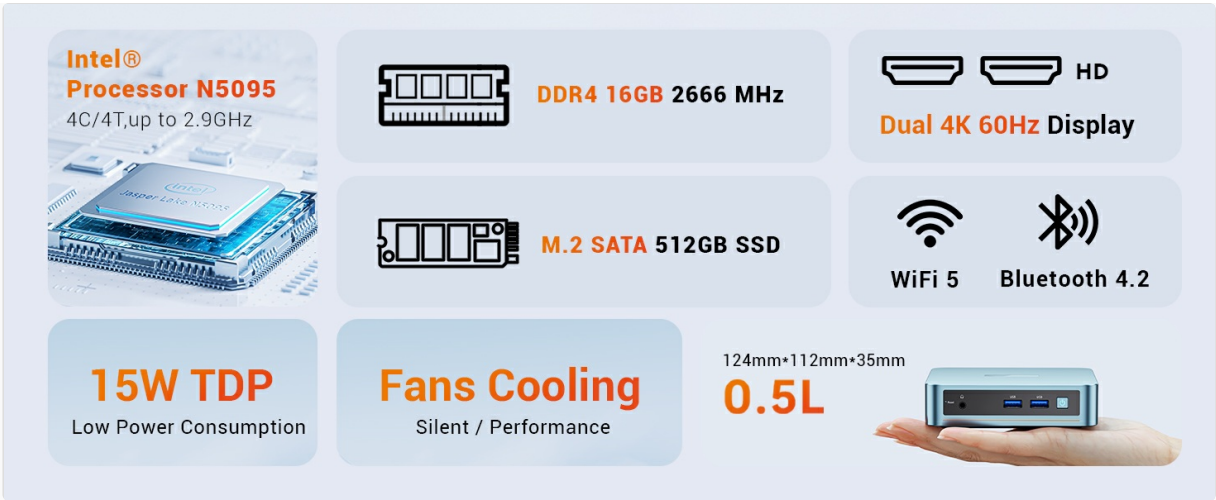








Image: A graphic summarizing the key specifications of the PELADN WI-4 Mini PC, including processor, RAM, storage, display, and connectivity.

8. Warranty and Support

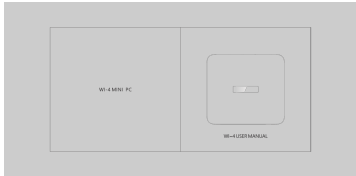
For warranty information and technical support, please refer to the documentation included with your purchase or visit the official PELADN website. Keep your proof of purchase for warranty claims.

Related Documents - WI-4

	<p>PELADN WO Mini PC Technical Specifications AMD Ryzen 5 5600H</p> <p>Detailed technical specifications for the PELADN WO Mini PC featuring AMD Ryzen 5 5600H processor, Radeon graphics, 16GB RAM, 512GB NVMe SSD, Windows 11 Pro/Linux support, and extensive connectivity options.</p>
	<p>Lenovo ThinkStation P3 Tiny: Setup Guide and Technical Specifications</p> <p>Comprehensive guide for the Lenovo ThinkStation P3 Tiny workstation, covering port configurations, expansion module options, and radio frequency compliance. Includes details on graphics, networking, and connectivity for professional use.</p>
	<p>MUNBYN IRX15 Rugged Laptop User Manual</p> <p>User manual for the MUNBYN IRX15 Rugged Laptop, providing detailed instructions on setup, basic functions, device layout, troubleshooting, and support resources.</p>
	<p>Beelink Mini PC Auto Power On Configuration Guide</p> <p>Instructions on how to enable the automatic power-on feature for Beelink Mini PCs using either BIOS settings or a hardware jumper.</p>

	<p>HP 290 G3 Small Form Factor Business PC QuickSpecs</p> <p>Comprehensive technical specifications and features for the HP 290 G3 Small Form Factor Business PC, covering hardware configurations, performance, connectivity, and environmental compliance.</p>
	<p>KC10 Mini PC User Manual: Specifications, Installation, and BIOS Guide</p> <p>Comprehensive user manual for the KC10 Mini PC, detailing specifications, I/O ports, VESA mounting, internal component installation (RAM, SSD, HDD), and BIOS settings. Includes FCC compliance information.</p>

Documents - PELADN – WI-4



[\[pdf\]](#) Instructions

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