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PELADN HA-2

PELADN HA-2 Mini PC User Manual

Model: HA-2

INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your PELADN HA-2 Mini PC. Please read it thoroughly before using the device to ensure optimal performance and longevity.

The PELADN HA-2 is a compact desktop computer featuring an AMD Ryzen 7 5800U processor, 16GB DDR4 RAM, and a 512GB NVME SSD, designed for efficient computing and multimedia tasks.

PACKAGE CONTENTS

Verify that all items are present in the package:

- PELADN HA-2 Mini PC
- Power Adapter DC 12V
- HDMI 2.0 Cable
- VESA Mount
- User Manual (this document)



Image: Contents of the PELADN HA-2 Mini PC package, including the mini PC unit, power adapter, HDMI cable, and VESA mount.

PRODUCT OVERVIEW

Component Diagram



Image: Exploded view of the PELADN HA-2 Mini PC, illustrating key internal components such as the AMD Ryzen 7 5800U processor, 512GB M.2 NVME SSD, and 16GB DDR4 3200MHz RAM.

Port Layout



Image: Detailed view of the front and rear ports on the PELADN HA-2 Mini PC. Front ports include Headphone jack, 2x USB 3.0, and Type-C. Rear ports include Power Supply (19.0V), LAN 2.5G, LAN 1G, HDMI, DisplayPort (DP), and 2x USB 2.0.

SETUP INSTRUCTIONS

- Connect Peripherals:** Connect your keyboard, mouse, and monitor(s) to the appropriate USB, HDMI, or DisplayPort connections. The device supports triple display output.
- Power Connection:** Connect the DC 12V power adapter to the power input port on the rear of the Mini PC, then plug the adapter into a power outlet.
- Network Connection:** For wired internet, connect an Ethernet cable to either the LAN 2.5G or LAN 1G port. For wireless internet, the device supports WiFi 5.
- Power On:** Press the power button located on the front of the Mini PC.
- Initial Setup:** Follow the on-screen instructions to complete the operating system setup.

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. Fix the VESA bracket to the Mini PC using screws.
2. Fix the bracket to the back of your display using screws.



Image: Step-by-step diagram illustrating the installation of the PELADN HA-2 Mini PC using the VESA mount on the back of a monitor.

OPERATING INSTRUCTIONS

Power On/Off

- **To Power On:** Press the power button once.
- **To Shut Down:** Use the operating system's shutdown procedure. Alternatively, press and hold the power button for 5 seconds to force a shutdown (not recommended for regular use).

Connecting to Displays

The PELADN HA-2 supports up to three 4K displays simultaneously via HDMI, DisplayPort, and Type-C ports.

Three Screen 4K Display



Provides a visually stunning and highly detailed multitasking or immersive entertainment experience, exceptional clarity and richness.

Image: A PELADN HA-2 Mini PC connected to three 4K monitors, demonstrating its triple display output capability for enhanced productivity or entertainment.

Wireless Connectivity

- Wi-Fi:** The Mini PC features Wi-Fi 5 (802.11ac) for wireless network connections. Access Wi-Fi settings through your operating system.
- Bluetooth:** Bluetooth 4.2 is integrated for connecting wireless peripherals such as keyboards, mice, and headphones.

MAINTENANCE AND UPGRADES

Cleaning

- Ensure the device is powered off and unplugged before cleaning.
- Use a soft, dry cloth to wipe the exterior.

- For dust accumulation in vents, use compressed air.

Storage Expansion

The Mini PC comes with a 512GB NVME 2280 SSD. Storage can be expanded up to 2TB with an additional 2.5-inch SSD (not included).

RAM Upgrade

The device ships with 16GB DDR4 RAM and has an additional slot for memory expansion. Consult the manufacturer for compatible RAM modules and installation instructions.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power adapter not connected or faulty outlet.	Ensure power adapter is securely connected to the PC and a working power outlet.
No display output	Monitor not connected, incorrect input selected, or faulty cable.	Check HDMI/DisplayPort cable connections. Ensure monitor is on and set to the correct input source. Try a different cable or monitor.
Wi-Fi not connecting	Incorrect password, router issue, or Wi-Fi driver problem.	Verify Wi-Fi password. Restart router. Check operating system's network settings and ensure Wi-Fi drivers are installed.
System overheating	Blocked ventilation or heavy workload.	Ensure vents are clear of obstructions. Reduce demanding tasks. Consider cleaning internal components if comfortable.

If issues persist, please contact PELADN customer support.

SPECIFICATIONS

Feature	Detail
Processor	AMD Ryzen 7 5800U (8 Cores/16 Threads, up to 4.4 GHz)
Graphics	Radeon RX Vega 8 Graphics (1750 MHz)
RAM	16GB DDR4 (3200 MHz)
Storage	512GB NVME 2280 SSD (Expandable up to 2TB with 2.5" SSD)
Video Output	HDMI, DisplayPort, Type-C (Supports Triple 4K@60Hz Display)
Wireless Connectivity	Wi-Fi 5 (802.11ac), Bluetooth 4.2
LAN Ports	1x 2.5G LAN, 1x 1G LAN
USB Ports	2x USB 3.0, 2x USB 2.0, 1x Type-C
Audio	1x Headphone Jack
Operating System	OS 64bit (as per product description)
Dimensions	Approximately 5 x 5 x 2 inches
Weight	Approximately 2.9 pounds

Feature	Detail
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WARRANTY AND SUPPORT

PELADN provides customer support for its products. For warranty claims, technical assistance, or further inquiries, please refer to the contact information provided with your purchase or visit the official PELADN website.

Note: Modifying the device's hardware beyond specified upgrade options may void your warranty. Always consult official support channels for guidance on upgrades or repairs.