

PELADN WI-6

PELADN Mini PC WI-6 User Manual

Model: WI-6

1. PRODUCT OVERVIEW

The PELADN Mini PC WI-6 is a compact and powerful desktop computer designed for various applications, including light office work, 4K video playback, online education, and design tasks. It features the latest 12th Gen Alder Lake-N100 Processor, 16GB DDR4 RAM, and a 512GB M.2 PCIe SSD, offering efficient performance in a small form factor.



Figure 1.1: Front view of the PELADN Mini PC WI-6, showcasing its compact design and sleek blue finish.

Key Features:

- **Powerful Processor:** Equipped with the 12th Gen Alder Lake-N100 Processor (4C/4T, up to 3.4GHz) for enhanced performance.
- **Ample Memory & Storage:** 16GB DDR4 RAM and 512GB M.2 SSD, with upgrade friendly options.
- **4K Dual Screen Display:** Supports 4K video playback and dual 4K@60Hz displays via two HD 2.0 ports.
- **Versatile Connectivity:** Features Gigabit Ethernet, 2.4G+5.0G dual-band WiFi, and Bluetooth 4.2.
- **Compact Design:** Lightweight and portable, measuring 124mm x 112mm x 35mm, with VESA mount support.
- **Efficient Cooling:** Built-in fan cooling system to prevent overheating during multitasking.



12th Gen Alder Lake- N100
(up to 3.4GHz)

UHD Graphics

Graphics

LAN(RJ45)1000M

Multiple Connections

16 GB DDR4

3200MHz (Single Channel)

512G M.2 2280 SSD

Support up to 2TB



WiFi 5



BT 4.2

Fans Cooling

Silent / Performance

Type-C

Full-function

Figure 1.2: Diagram illustrating the key features of the PELADN Mini PC, including processor, memory, storage, graphics, and connectivity options.

2. PACKAGE CONTENTS

Please check the package contents upon unboxing to ensure all items are present and in good condition.

- 1 x PELADN Mini PC WI-6
- 1 x Power Adapter
- 1 x HD Cable
- 1 x User Manual
- 1 x Wall-Mounted Bracket (VESA mount)

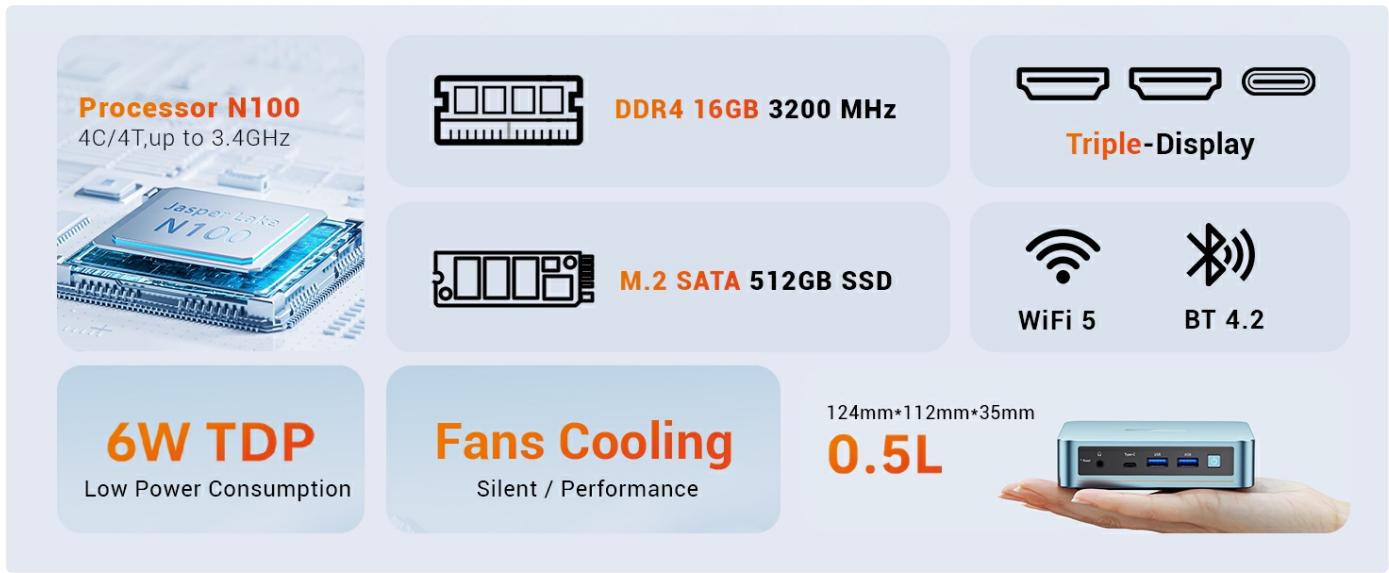


Figure 2.1: An illustration of the items included in the PELADN Mini PC package, such as the PC unit, power adapter, HD cable, user manual, and VESA mount.

3. SETUP GUIDE

3.1 Connecting Peripherals

Before powering on your Mini PC, connect the necessary peripherals.

1. **Connect Display:** Use the provided HD cable to connect your monitor(s) to the HD ports on the back of the Mini PC. The device supports dual 4K@60Hz displays.
2. **Connect Keyboard and Mouse:** Plug your wired or wireless keyboard and mouse into the available USB ports (USB 2.0 or USB 3.0). For initial setup, a wired keyboard and mouse are recommended.
3. **Connect Network:** For a wired connection, plug an Ethernet cable into the RJ45 LAN port. For wireless, ensure your WiFi network is available.
4. **Connect Power:** Plug the power adapter into the DC 12V port on the Mini PC, then connect the adapter to a power outlet.

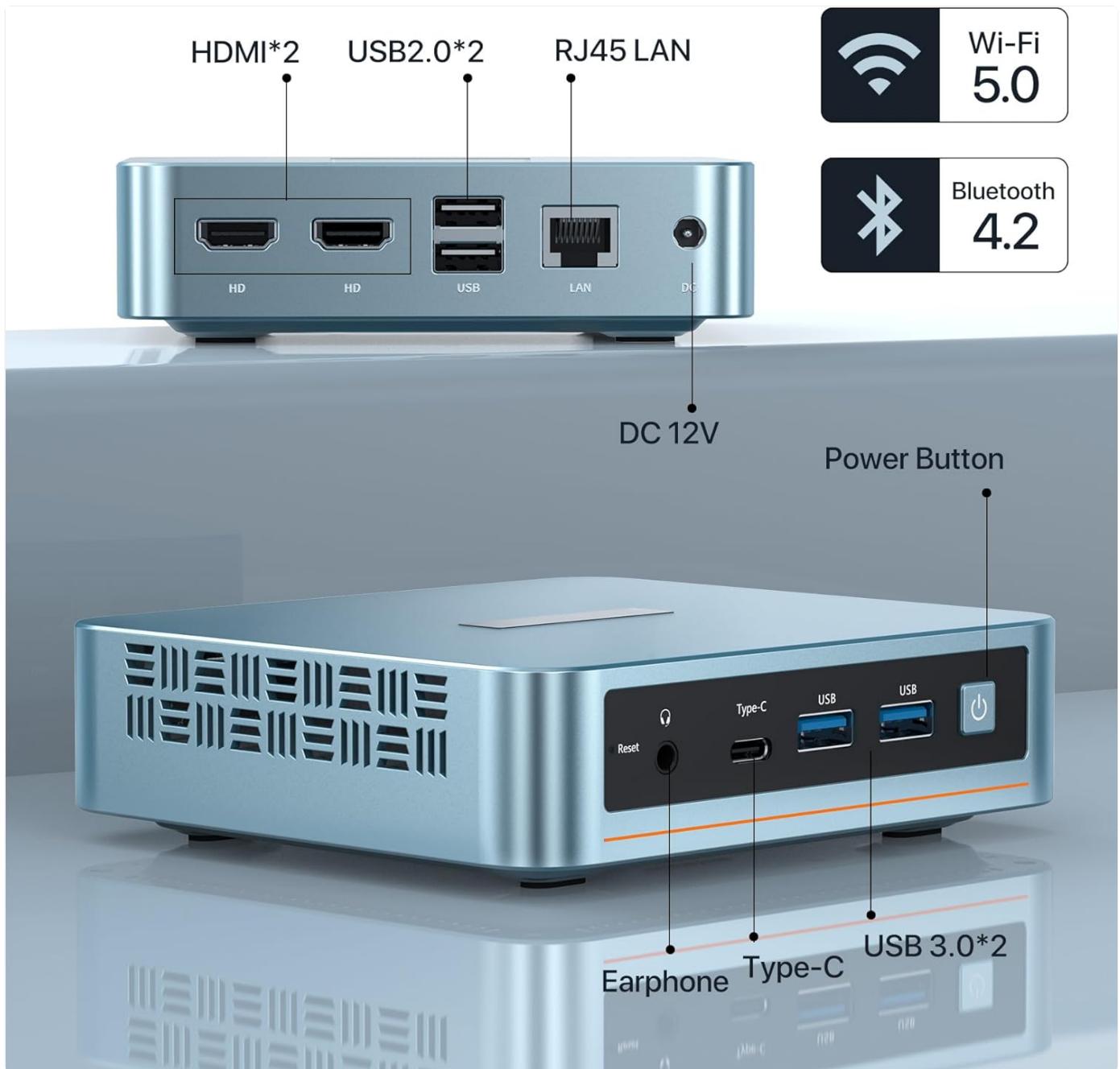


Figure 3.1: Detailed view of the PELADN Mini PC's front and rear ports, including HD, USB 2.0, RJ45 LAN, DC 12V, Earphone, Type-C, and USB 3.0 ports.

3.2 Powering On and Initial Setup

Once all peripherals are connected:

1. Press the Power Button located on the front of the Mini PC.
2. The device will boot up. As Windows 11 is pre-installed, you will be guided through the initial Windows setup process, including language selection, network configuration, and user account creation.
3. Follow the on-screen instructions to complete the setup.

3.3 VESA Mount Installation (Optional)

The included VESA mount allows you to attach the Mini PC to the back of a compatible monitor or TV, 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, securing it with screws.

Immersive Visuals, Limitless Creativity

HD 2.0*2 + Type-C port enable efficient multitasking across three displays



Figure 3.2: Step-by-step guide on how to install the PELADN Mini PC using the VESA mount, showing attachment to the back of a monitor.

4. OPERATING INSTRUCTIONS

4.1 Basic Usage

The PELADN Mini PC is optimized for everyday computing tasks.

- **Office Applications:** Run Microsoft Office suite and other productivity software smoothly.
- **Web Browsing:** Enjoy fast and responsive internet browsing.
- **4K Video Playback:** Stream and play 4K content with ease, ideal for home theater setups.
- **Multitasking:** The N100 processor and 16GB RAM allow for efficient switching between multiple applications.

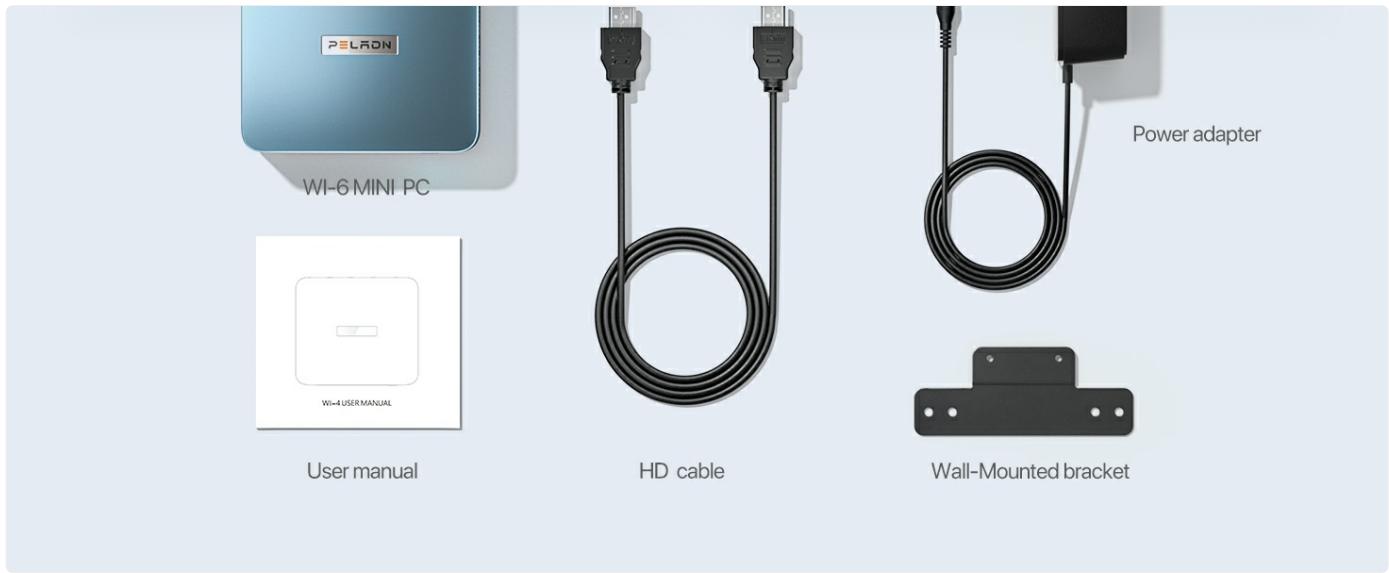


Figure 4.1: An image depicting the PELADN Mini PC in an office setting, demonstrating its suitability for business and everyday use.

4.2 Display Configuration

Utilize the dual HD 2.0 ports for extended desktop or mirrored display setups.

- Connect two monitors to the HD ports for a dual-screen workspace.
- Adjust display settings (resolution, orientation) through Windows Display Settings.

4.3 Network and Bluetooth

The Mini PC offers flexible connectivity options:

- **Wi-Fi:** Connect to 2.4G or 5.0G wireless networks for internet access.
- **Ethernet:** For a stable and fast connection, use the Gigabit Ethernet port.
- **Bluetooth 4.2:** Pair Bluetooth-enabled devices such as headphones, speakers, or input devices.

5. MAINTENANCE

5.1 General Care

- Keep the Mini PC in a clean, dry environment, away from direct sunlight and extreme temperatures.
- Avoid placing objects on top of the unit that could obstruct airflow.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners.

5.2 Cooling System

The PELADN Mini PC features a built-in cooling fan to maintain optimal operating temperatures. Ensure the ventilation holes are not blocked to allow proper airflow.

12th Gen Alder Lake- N100

(up to 3.4GHz)

Durable Plastic Shell

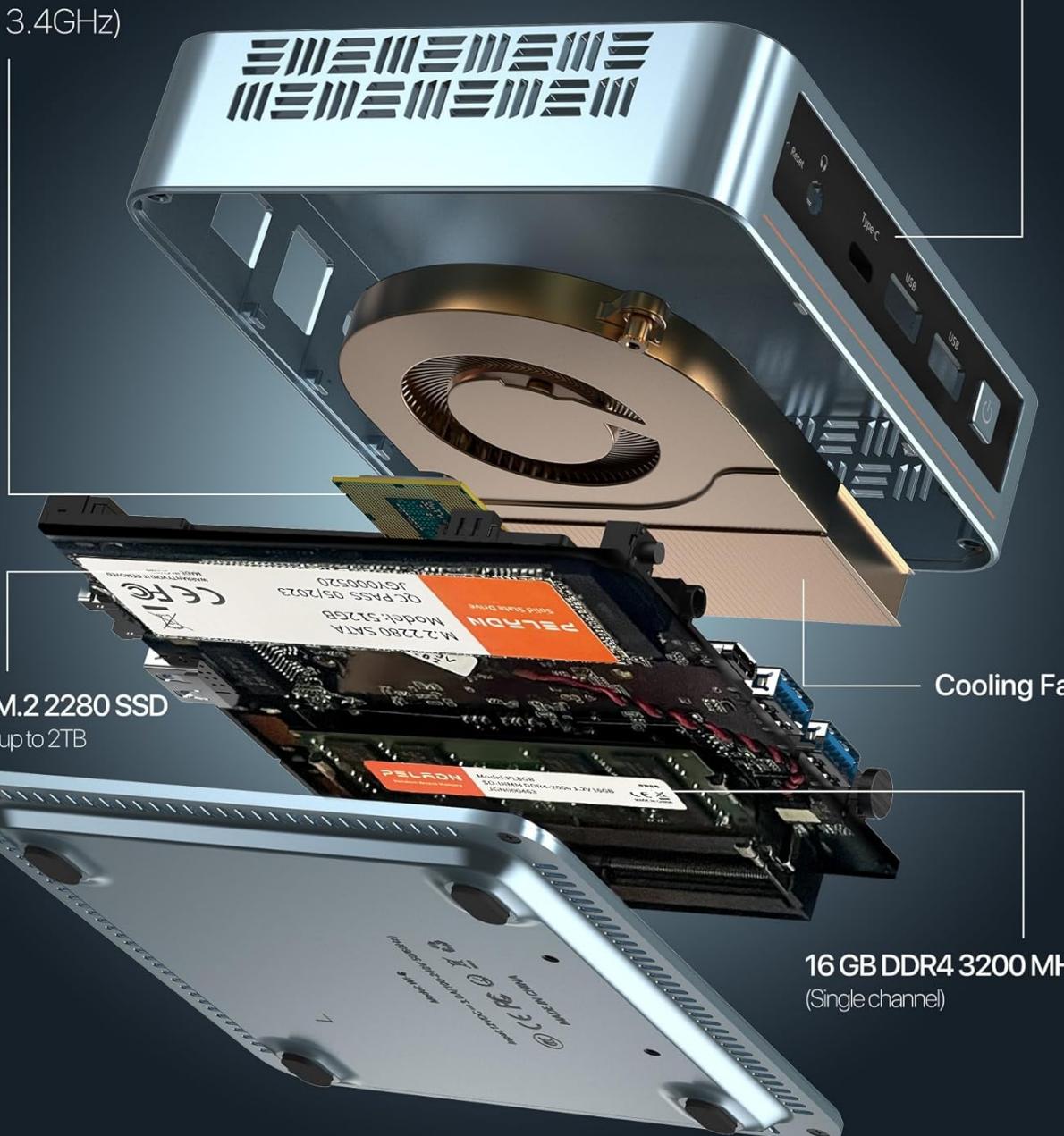


Figure 5.1: An exploded view of the PELADN Mini PC, highlighting the internal components including the cooling fan and SSD, which contribute to its silent and efficient performance.

5.3 Software Updates

Regularly update your Windows operating system and drivers to ensure system stability, security, and optimal performance.

- Go to Windows Settings > Update & Security > Windows Update.
- Check for and install any available updates.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your PELADN Mini PC.

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No power/Does not turn on	Power adapter not connected properly; Power outlet issue.	Ensure power adapter is securely connected to both the PC and the power outlet. Try a different outlet.
No display on monitor	HD cable loose or faulty; Incorrect input selected on monitor.	Check HD cable connections. Ensure monitor is set to the correct input source (e.g., HDMI 1, HDMI 2). Try a different HD cable or monitor.
No internet connection (Wi-Fi)	Wi-Fi disabled; Incorrect password; Router issue.	Check Wi-Fi settings in Windows. Verify Wi-Fi password. Restart your router.
No internet connection (Ethernet)	Ethernet cable loose or faulty; Network driver issue.	Ensure Ethernet cable is securely connected. Try a different cable. Check network adapter status in Device Manager.
System slow or unresponsive	Too many applications running; Low storage space; Overheating.	Close unnecessary applications. Free up disk space. Ensure proper ventilation around the PC.

For more advanced troubleshooting or persistent issues, please refer to the official PELADN support resources or contact customer service.

Advanced Features:

- Auto Power On:** Configure in BIOS for automatic startup.
- Wake on LAN (WoL):** Enable in BIOS and network adapter settings to wake the PC remotely.
- PXE Boot:** Preboot Execution Environment support for network booting.

7. SPECIFICATIONS

Feature	Detail
Brand	PELADN
Model Number	WI-6
Processor	12th Gen Intel Alder Lake-N100 (4C/4T, up to 3.4GHz, 6W TDP)
RAM	16GB DDR4 (Max 3200MHz)
Storage	512GB M.2 PCIe SSD
Graphics	Intel UHD Graphics (750MHz max), Integrated
Display Output	2 x HD 2.0 (Supports 4K@60Hz Dual Display)
USB Ports	2 x USB 3.0, 2 x USB 2.0, 1 x Type-C (Data/Video)
Network	Gigabit Ethernet (RJ45), Wi-Fi 2.4G+5.0G
Bluetooth	Bluetooth 4.2
Audio	1 x Audio Jack (HP&MIC)
Operating System	Windows 11 Pro (Pre-installed)

Feature	Detail
Dimensions (LxWxH)	4.88 x 4.41 x 1.38 inches (124mm x 112mm x 35mm)
Weight	1.76 pounds
Color	Blue

8. WARRANTY AND SUPPORT

PELADN is committed to providing high-quality products and excellent customer service.

- **Warranty:** The PELADN Mini PC comes with a 12-month (1 year) warranty from the date of purchase.
- **Returns:** Enjoy a 30-day no-reason return and exchange policy.
- **Technical Support:** Professional technical staff are available to assist you.
- **Response Time:** We aim to reply to all inquiries within 24 hours.

For support, please visit the official PELADN store or contact their customer service directly. You can find more information and contact details at the [PELADN Store on Amazon](#).



Figure 8.1: An image detailing PELADN's customer support offerings, including technical support, 24-hour reply, 30-day return policy, and 12-month warranty.



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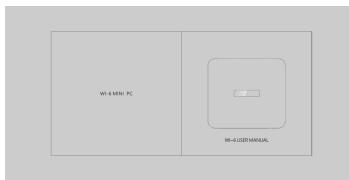
Documents - PELADN – WI-6



Item	Description
Dimension	124*112*35MM
Weight	Only Device : 0.27kg With Accessories : 0.756 kg
CPU	Intel® N100 TDP: 8W up to25W Basic speed:2.0GHz Pulse frequency:3.4GHz
Graphics	Intel® UHD Graphics 750MHz
SODIMM DDR4	8G 3200MHz
Storage SSD	M.2 2280 256G NGFF
Wireless LAN/Bluetooth	802.11ac Bluetooth 4.2/WIFI 5.0
USB	2.0x2
Interface	USB2.0x4/USB3.0x2 HDMI 2.0x 60Hz Type-C, Fully Reversed Audio Jack (3.5mm)
RTC Button	1
Power LED	1
Power Button	1
Software OS	Windows10/Windows11/Ubuntu
Adapter	AC 100~240V, 12V/0.5A, 5.5*2.5mm Input: 100-240V AC, 50/60Hz, Output: 12V 3A
Work Environment	-10°C~45°C, 10%~90% Humidity
Storage Environment	-20°C~60°C, 10%~90% Humidity
Accessories	HDMI 108CM Adapter 12V/3A Adapter 12V/3A
Additional function	

[pdf] Guide Accessories

123 User Guide PELADN WI 6 Mini PC Intel 12th Alder Lake N100 Max 3 4GHz Desktop Computer
16GB DDR4 RAM 512GB M 2 PCIe SSD Support 4K Dual Display USB3 WiFi 5 BT4 Gigabit Ethernet
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Item Description Dimension 124*112*35MM Weight Only Device : 0.27kg With
Accessories : 0.756 kg CPU Intel N100 TDP6W up to25W Basic speed:2.0GHz Pulse
frequency:3.4GHz Graphics Intel UHD Graphics 750MHz Cache 6MB INTEL Smart
Cache SODIMM DDR4 8G 3200MHz Storage SSD M.2 2280 256G NGFF ...
lang:en score:17 filesize: 96.77 K page_count: 1 document date: 2023-08-14



WI-6 Mini PC User Manual - Operation, Setup, and Safety Guide

Official user manual for the WI-6 Mini PC by Panlei. Provides detailed instructions on basic operation, port connections, safety precautions, and wall-mounting the device. Essential guide for setup and optimal use.

lang:en score:15 filesize: 1.48 M page_count: 3 document date: 2024-01-12

Product Name : PELADN WI-6 N100 Mini PC	
Brand : PELADN	Model : WI-6 N100
Email : pradeon2020@163.com	Size : 16GB+512GB
Manufacturer : shenzhenpanleikejiyouxiangongsi	
Address : 1701, Building 1, Block A, No. 32, Huxing Road, Tongsheng Community, Dalang Street, Anhongji Xingyao Plaza, Shenzhen, Guangdong, 518109	
<ul style="list-style-type: none"> ⚠ UK: Avoid high temperature and humid place ⚠ DE: Vermeiden Sie hohe Temperaturen und feuchte Orte. ⚠ FR: Évitez les endroits à haute température et humides. ⚠ ES: Evite lugares con altas temperaturas y humedad. ⚠ NL: Vermijd hoge temperaturen en vochtige plekken. ⚠ PL: Unikaj wysokich temperatur i wilgotnych miejsc. 	
EU	REP SUCCESS COURIER SL CALLE RIO TORMES N.º 11, PLANTA 1, DERECHA, OFICINA 3, Fuenlabrada, Madrid, 28947 Spain successservice2@hotmail.com OFT EU 2023023000011
UK	REP GOAL REACH CONSULTING LTD OFFICE 1029 3 MARSHMAN STREET 10TH FLOOR, SPINNINGFIELDS MANCHESTER, UK M3 3HF cnr_nc_2010090900011 Country of Origin : Made in China FCC ID:2BAGP-HA-4 CE RoHS WEEE Recycling
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lang:en score:11 filesize: 111.39 K page_count: 1 document date: 2024-09-23