

OUMAX MAX N

OUMAX Mini PC MAX N Instruction Manual

Model: MAX N

1. INTRODUCTION

This manual provides comprehensive instructions for the OUMAX Mini PC MAX N. It covers the setup, operation, maintenance, and troubleshooting of your device. Please read this manual thoroughly before using the Mini PC to ensure proper functionality and to maximize its lifespan.

2. PACKAGE CONTENTS

Verify that all items are present in the package:

- OUMAX Mini PC MAX N
- AC Power Adapter (with regional plug option)
- HDMI Cable (100cm)
- User Manual (this document)
- VESA Mount (optional, check packaging)

3. PRODUCT OVERVIEW

3.1. Front and Rear Ports

The OUMAX Mini PC features a variety of ports for connecting peripherals and displays.

All-in-one mini computer

meets a variety of needs in life



Image: Detailed view of the OUMAX Mini PC's front and rear ports, including USB, HDMI, LAN, and audio jacks.

Front Ports:

- Power Button: To turn the device on or off.
- Power Indicator Light: White light indicates the device is powered on.
- USB 3.2 Gen2 (10Gbps) Port: For high-speed data transfer.
- USB 2.0 (480Mbps) Port: For standard peripherals.
- 3.5mm Audio Jack: For headphones or speakers.
- CLR CMOS Button: To clear CMOS settings (use with caution).

Rear Ports:

- AC Power Input: Connect the provided power adapter.
- USB 3.2 Gen2 (10Gbps) Ports (x2): For high-speed data transfer.
- LAN 1000M Port: For wired Gigabit Ethernet connection.
- USB 2.0 (480Mbps) Ports (x2): For standard peripherals.
- HDMI 2.0 Ports (x2): Supports up to 4K resolution at 60Hz for dual display output.

3.2. Internal Components and Upgradability

The Mini PC supports high-speed storage and memory configurations.

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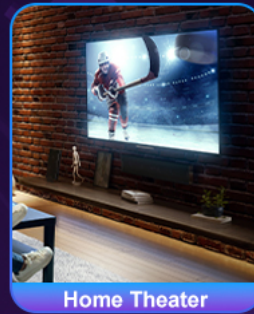


Image: Internal view of the OUMAX Mini PC, highlighting the SO-DIMM DDR4 slot and M.2 PCIe SSD slots.

- **RAM:** One SO-DIMM slot supports up to 16GB DDR4-3200MHz RAM.
- **Storage:** Includes a 256GB M.2 SATA III SSD. Dual M.2 PCIe SSD slots support up to 4TB fast internal storage.

3.3. Processor and Graphics

The Mini PC is equipped with an efficient processor for daily tasks.

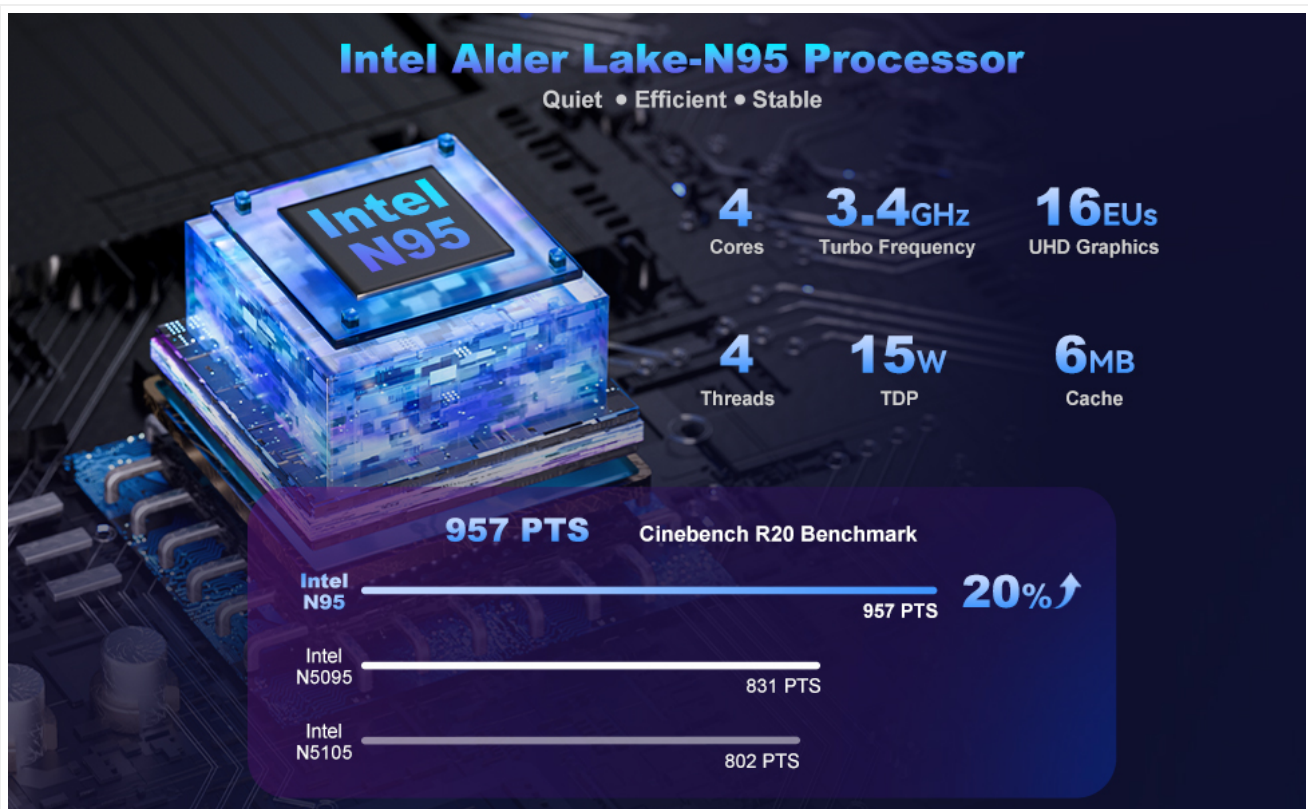


Image: Diagram illustrating the Intel Alder Lake-N95 Processor with specifications like 3.4GHz Max Turbo Frequency, 4 Cores, and 4 Threads.

- **CPU:** Intel 12th Gen Alder Lake-N95 Processor (up to 3.4GHz, 4 Cores, 4 Threads, 6MB L3 Smart Cache).
- **Graphics:** Integrated Intel UHD Graphics (16 EUs).

3.4. Wireless Connectivity

The device offers modern wireless connectivity options.



Image: Visual representation of the Mini PC's WiFi 5 and Bluetooth 5.0 capabilities.

- **WiFi:** WiFi 5 for wireless network connection.
- **Bluetooth:** Bluetooth 5.0 for connecting wireless peripherals.

4. SETUP GUIDE

4.1. Connecting Peripherals

1. Connect your monitor(s) to the HDMI ports on the rear of the Mini PC using the provided HDMI cable or other compatible cables.
2. Connect your keyboard and mouse to the available USB ports (front or rear).
3. If using a wired network, connect an Ethernet cable to the LAN port.
4. Connect any other desired peripherals such as external hard drives, speakers, or USB devices.

4.2. Powering On

1. Connect the AC power adapter to the AC power input port on the rear of the Mini PC.
2. Plug the power adapter into a wall outlet.
3. Press the Power Button on the front of the Mini PC. The power indicator light will illuminate.

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Image: Illustration of the Mini PC connected to a power outlet via its built-in 45W power supply unit.

4.3. Initial Operating System Configuration

Upon first boot, the Mini PC will guide you through the initial setup of the Windows operating system. Follow the on-screen prompts to:

- Select your region and language.
- Connect to a network (wired or wireless).
- Create a user account or sign in with a Microsoft account.
- Complete privacy settings.

5. OPERATING INSTRUCTIONS

5.1. Basic Operation

Once the operating system is set up, you can begin using your Mini PC for various tasks. The Intel N95 processor is designed for efficient handling of daily computing needs.



Image: The Mini PC smoothly running various office applications, demonstrating its capability for business and productivity tasks.

5.2. Dual Display Setup

The Mini PC supports dual 4K displays via its two HDMI 2.0 ports. To set up dual displays:

1. Connect both monitors to the HDMI ports on the rear of the Mini PC.
2. Once Windows loads, right-click on the desktop and select "Display settings."
3. From the display settings, you can detect, arrange, and configure the display mode (e.g., Extend, Duplicate) for your monitors.

DDR4 & Dual SSD High-speed Storage

A single SO-DIMM slot supports up to 16GB DDR4-3200MHz RAM, A 500GB M.2 SATA III SSD is included in the standard configuration. Dual M.2 PCIe SSD slots support up to 4TB fast internal storage.



PCIe x4 Slot
(Compatible with SATA3 SSDs.)

PCIe x1 Slot
SO-DIMM DDR4 3200MHz
Max 16GB

Image: A visual example of the OUMAX Mini PC connected to and driving two external monitors simultaneously.

5.3. Network Connectivity

- **Wired Connection:** Connect an Ethernet cable to the LAN port for a stable Gigabit Ethernet connection.
- **Wireless Connection:** To connect to Wi-Fi, click the network icon in the system tray, select your desired network, enter the password, and click Connect.
- **Bluetooth:** To connect Bluetooth devices, go to Windows Settings > Devices > Bluetooth & other devices, and pair your device.

6. MAINTENANCE AND UPGRADES

6.1. Cleaning

To maintain optimal performance and prevent overheating, regularly clean the Mini PC:

- Power off the device and disconnect it from the power source.
- Use a soft, dry cloth to wipe the exterior.

- Use compressed air to gently clear dust from the ventilation openings.

6.2. RAM and SSD Upgrades

The Mini PC allows for RAM and SSD upgrades to enhance performance and storage capacity.



Image: Internal view showing the SO-DIMM DDR4 slot (Max 16GB) and PCIe x4 and PCIe x1 M.2 SSD slots for upgrades.

- **RAM:** The single SO-DIMM slot supports up to 16GB DDR4-3200MHz RAM.
- **SSD:** The device has dual M.2 PCIe SSD slots, compatible with SATA3 SSDs, supporting up to 4TB of internal storage.
- Consult a qualified technician for internal component upgrades if you are unsure.

6.3. Thermal Management

The Mini PC features an efficient cooling system designed for continuous, stable operation. Ensure proper airflow around the device by not blocking ventilation openings.

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Game



Education



Design



Home Theater



School Computer Room



Meeting



Office



Audio making

Image: Diagram illustrating the efficient thermal management system within the OUMAX Mini PC, showing heat dissipation.

7. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No power / Device does not turn on	Power cable not connected; Power outlet issue; Faulty power adapter	Ensure power adapter is securely connected to both the Mini PC and a working power outlet. Try a different outlet.
No display on monitor	Monitor not connected; Incorrect input source; Faulty HDMI cable	Check HDMI cable connections. Ensure monitor is set to the correct input source (HDMI 1, HDMI 2, etc.). Try a different HDMI cable or monitor.
No Wi-Fi connection	Wi-Fi disabled; Incorrect password; Router issue	Ensure Wi-Fi is enabled in Windows settings. Verify the Wi-Fi password. Restart your router.
Bluetooth device not pairing	Bluetooth disabled; Device out of range; Device battery low	Ensure Bluetooth is enabled in Windows settings. Move the device closer to the Mini PC. Check the device's battery.
System slow or unresponsive	Too many applications running; Insufficient RAM; Overheating	Close unnecessary applications. Consider upgrading RAM. Ensure proper ventilation.
Updates require multiple restarts	Windows update behavior	Some Windows updates may require a full restart (not just shutdown) to apply correctly. Allow the system to complete all necessary restarts.

If you encounter issues not listed here, please refer to the support information provided by OUMAX or consult a qualified technician.

8. PRODUCT SPECIFICATIONS

Detailed technical specifications for the OUMAX Mini PC MAX N.

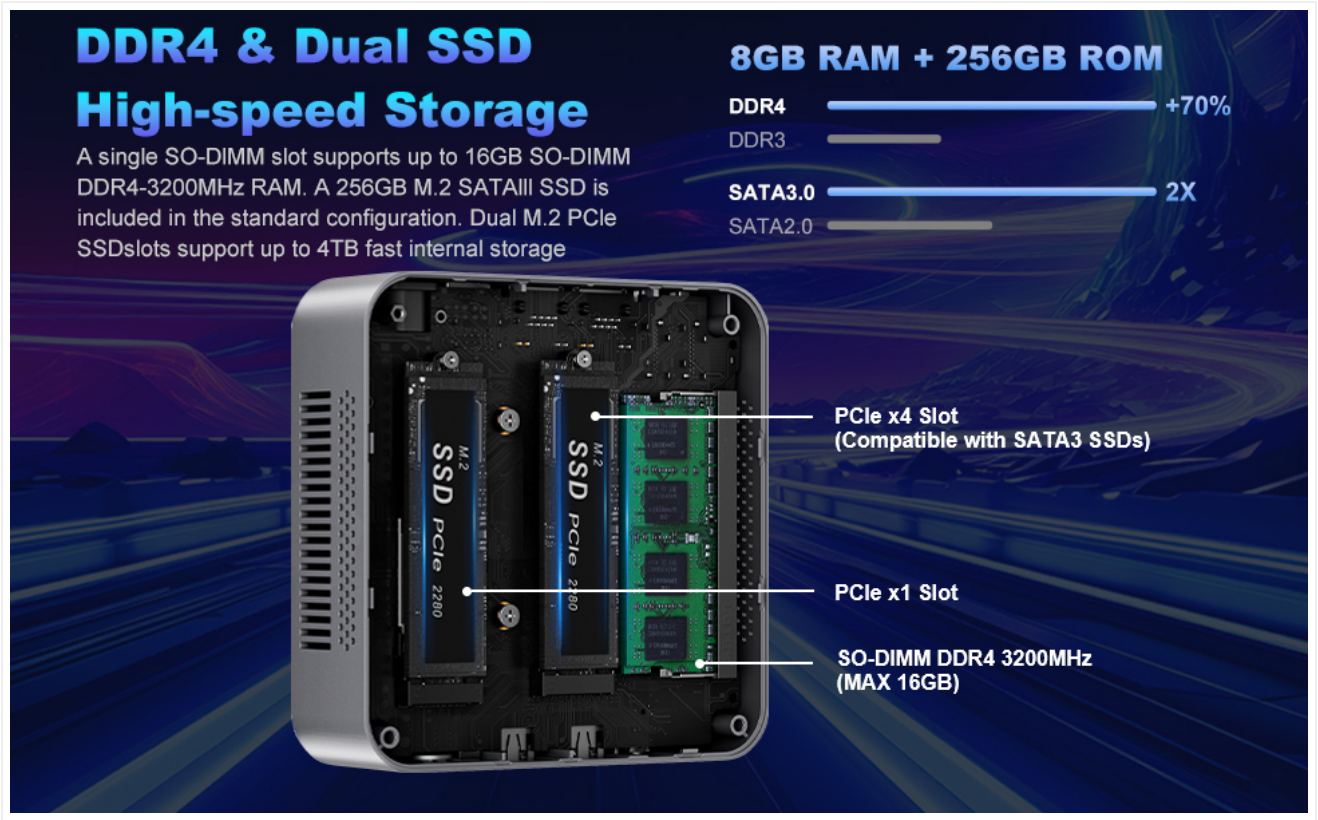


Image: Table detailing the product specifications of the OUMAX Mini PC.

Feature	Specification
Model Number	MAX N
Dimension	120 x 120 x 35.5mm (Without Rubber Feet)
CPU	Intel Alder Lake N95 Processor, Max Turbo Frequency 3.4GHz (4C/4T) 6MB Cache
Graphics	Intel UHD Graphics
System Disk	SSD M.2 2280 PCIe x4/SATA
Storage Disk	SSD M.2 2280 PCIe x1
Internal Slot	SO-DIMM DDR4 3200MHz Slot*1
Interface (Front)	AC Jack*1, USB3.2 Gen2(10Gbps)*1, USB2.0 480Mbps*1, 3.5mm Audio Jack*1, CLR CMOS*1
Interface (Rear)	USB3.2 Gen2(10Gbps)*2, LAN 1000Mbps*1, USB2.0 480Mbps*2, HDMI (Max 4K 60Hz)*2, AC IN*1
Network	WiFi 5; Bluetooth 5.0

Feature	Specification
Built-in Power Supply Unit	Input: 100-240V~, 50/60Hz, 1.5A; Output: 12V/3.75A
Operating Environment	-10°C~45°C, Humidity 30%~85%
Storage Environment	-20°C~60°C, Humidity 10%~90%
Accessories	HDMI 100cm; AC Cable*1; User Manual
Additional Functions	WOL (Wake On LAN), Auto Power On

9. WARRANTY AND SUPPORT

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