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## MOREFINE M6S

# MOREFINE M6S Mini PC Instruction Manual

Model: M6S



## 1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your MOREFINE M6S Mini PC. The MOREFINE M6S is a compact computing device designed for various applications, from everyday tasks to light productivity and entertainment. It features a 12th Gen Intel Alder Lake N100 processor, 12GB LPDDR5 RAM, and a 512GB NVMe SSD, running on Windows 11 Pro.



Image: Overview of the MOREFINE M6S Mini PC highlighting its compact design and core specifications.

## 2. PACKAGE CONTENTS

Verify that all items listed below are present in your product package:

- MOREFINE M6S Mini PC
- Power Adapter

- HDMI Cable
- User Manual
- Travel Adapter (region-dependent)

Video: This video demonstrates the unboxing and contents of the MOREFINE M6S Mini PC package, showing the device, power adapter, HDMI cable, and other accessories.

## 3. PRODUCT OVERVIEW AND FEATURES

### 3.1. Compact Design

The MOREFINE M6S Mini PC is designed for minimal desk space, measuring approximately 2.83 x 2.83 x 1.77 inches. Its small footprint allows for easy placement in various environments.



Image: The MOREFINE M6S Mini PC shown next to a laptop, illustrating its compact dimensions of 2.83 x 2.83 x 1.77 inches.

### 3.2. Ports and Connectivity

The device offers a range of ports for versatile connectivity:

- 2 x HDMI ports (supports 4K@60Hz dual display)
- 3 x USB 3.2 ports
- 1 x LAN (RJ45) port
- 1 x Type-C charging port
- 1 x Audio Jack
- TF/Micro SD card slot

## MULTI PORTS FOR MULTI PURPOSE

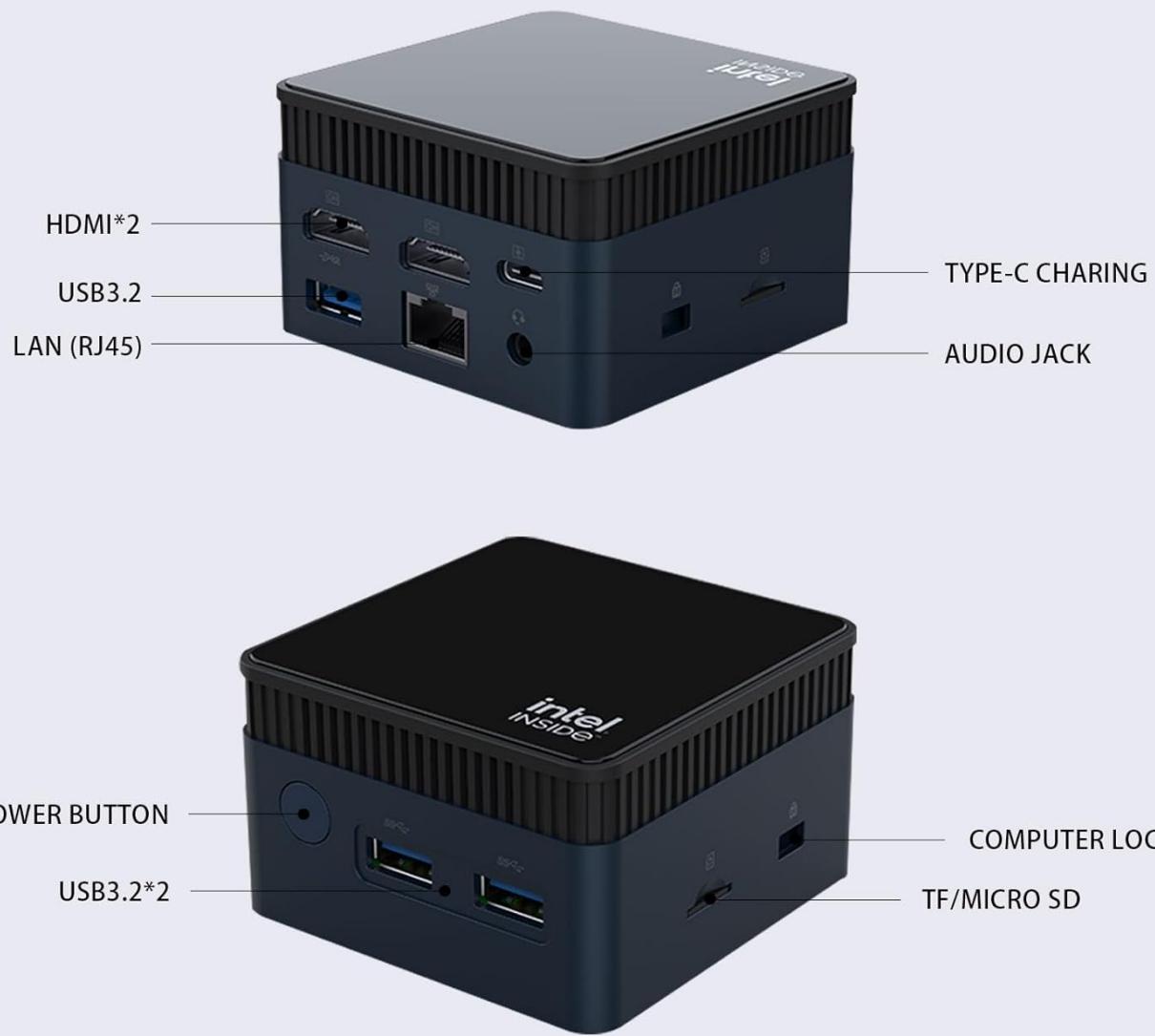


Image: A detailed view of the MOREFINE M6S Mini PC, labeling all available ports including HDMI, USB 3.2, LAN, Type-C, Audio Jack, and TF/Micro SD slot.

### 3.3. Processor and Performance

Equipped with a 12th Gen Intel Alder Lake N100 processor, the M6S features 4 cores, 4 threads, and a max frequency of 3.4GHz, along with 6MB L3 Cache. This configuration is suitable for everyday computing tasks, multimedia consumption, and light productivity.

# 12TH GEN INTEL

## ALDER LAKE-N100 Processor

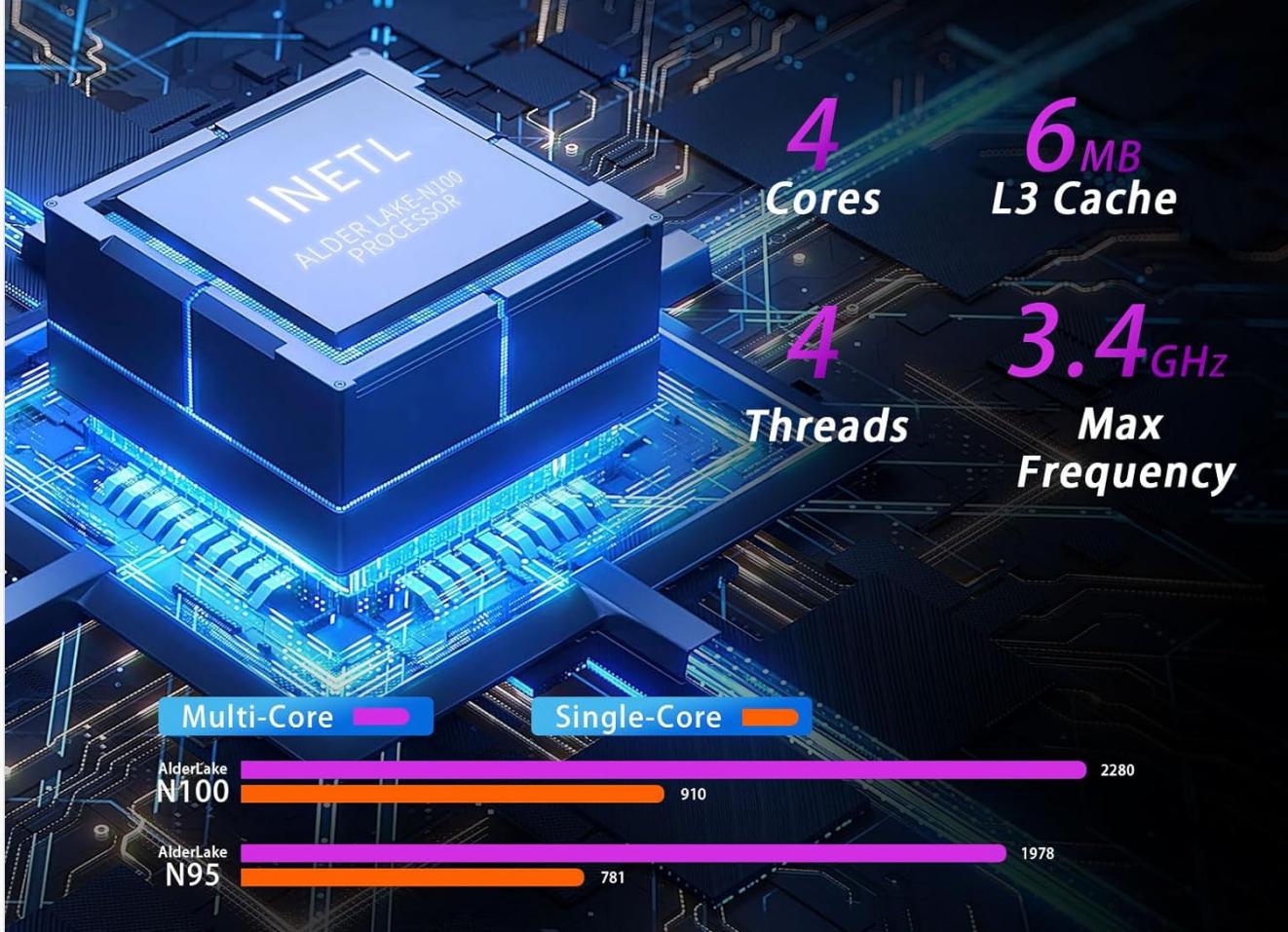


Image: Visual representation of the 12th Gen Intel Alder Lake-N100 Processor, detailing its 4 cores, 4 threads, 6MB L3 Cache, and 3.4GHz max frequency.

### 3.4. Wireless Connectivity

The Mini PC supports Dual Band Wi-Fi (802.11ac) and Bluetooth 4.2, ensuring reliable wireless connections for networking and peripheral devices.

# DUAL BAND WIFI & BLUETOOTH 4.2

## WORK MORE EFFICIENCY, RESPOND QUICKLY

NETWORK GAME, 4K VIDEO, MILD DESIGN, OFFICE SOFTWARE, WEB BROWSING



Image: The MOREFINE M6S Mini PC on a desk setup, highlighting its Dual Band Wi-Fi 5 and Bluetooth 4.2 capabilities.

## 4. SETUP INSTRUCTIONS

### 4.1. Connecting Peripherals

1. Connect your monitor(s) to the HDMI ports on the back of the Mini PC.
2. Connect your keyboard and mouse to the USB 3.2 ports.
3. For wired internet, connect an Ethernet cable to the LAN (RJ45) port. For wireless internet, ensure Wi-Fi is enabled in the operating system.
4. Connect the power adapter to the Type-C charging port and then to a power outlet.

### 4.2. Powering On

Press the power button located on the front of the Mini PC. The system will boot into Windows 11 Pro.

## 5. OPERATING YOUR MINI PC

## 5.1. Dual Display Setup

The MOREFINE M6S supports dual 4K UHD displays via its two HDMI ports. Connect two monitors to the available HDMI ports. Windows 11 Pro will automatically detect the displays, and you can configure their arrangement and resolution in the Display Settings.



Image: The MOREFINE M6S Mini PC facilitating a dual display setup with two monitors, demonstrating its 4K UHD capability.

## 5.2. Performance and Usage

The M6S is optimized for general computing tasks, including web browsing, office applications, and multimedia playback. It can handle 4K UHD video playback smoothly. For more demanding applications like intensive gaming or professional video editing, performance may vary. The system's power consumption, temperatures, and noise levels are efficiently managed, as detailed in the video below.

Video: This video provides benchmarks on the MOREFINE M6S Mini PC's power consumption, operating temperatures, and noise levels under various loads, demonstrating its efficiency.

## 5.3. Operating System Integrity

The pre-installed Windows 11 Pro operating system is verified to be clean and free from malware. Regular security

scans are recommended to maintain system integrity.

Video: This video demonstrates the clean installation of Windows 11 Pro on the MOREFINE M6S Mini PC, showing results from various malware scans confirming no threats.

## 6. MAINTENANCE

### 6.1. Storage Upgrade

The MOREFINE M6S Mini PC allows for storage expansion. To access the M.2 2242 slot, carefully remove the bottom cover by unscrewing the four screws. The slot supports both NVMe and SATA SSDs. Ensure proper handling and static discharge precautions when performing hardware maintenance.

## 7. TROUBLESHOOTING

If you encounter issues with your MOREFINE M6S Mini PC, consider the following:

- No Display:** Ensure all HDMI cables are securely connected to both the Mini PC and the monitor(s). Verify that the monitor is set to the correct input source.
- No Power:** Check that the power adapter is correctly connected to the Mini PC and a working power outlet.
- Peripheral Connectivity Issues:** For USB devices, try different USB ports. For Bluetooth devices, ensure they are in pairing mode and within range.
- Slow Performance:** Close unnecessary applications. Ensure the operating system is up to date. Check for any background processes consuming excessive resources.
- Operating System Issues:** If the system behaves unexpectedly, consider running a full system scan for malware (as demonstrated in the 'Clean installation, no malware' video). If issues persist, a clean reinstallation of Windows 11 Pro may be necessary.

## 8. SPECIFICATIONS

| Feature              | Specification                            |
|----------------------|--|
| Brand                | MOREFINE                                 |
| Series               | M6S                                      |
| Item Model Number    | M6S-2022-*                               |
| Processor            | 12th Gen Alder Lake N100 (up to 3.4 GHz) |
| Number of Processors | 12 (logical cores)                       |
| Cache Size           | 6 MB                                     |
| RAM                  | 12 GB LPDDR5                             |
| Hard Drive           | 512 GB SSD (NVMe 2242)                   |
| Graphics Coprocessor | Intel UHD Graphics                       |
| Card Description     | Integrated                               |

|                            |                           |
|----------------------------|---------------------------|
| Operating System           | Windows 11 Pro            |
| Wireless Type              | 802.11ac, Bluetooth 4.2   |
| Product Dimensions (LxWxH) | 2.83 x 2.83 x 1.77 inches |
| Item Weight                | 1.19 pounds               |
| Max Screen Resolution      | 3840 x 2160 pixels        |
| Color                      | Black                     |

## 9. WARRANTY AND SUPPORT

MOREFINE is committed to providing quality products and customer satisfaction. For any inquiries or support needs, please refer to the following:

- Warranty Service:** The product comes with a 12-month warranty service.
- Defective Product:** If you find the mini computer defective, please contact our customer support staff for solutions.
- Quality Assurance:** Our products undergo strict production processes and comprehensive performance and safety testing to ensure quality.
- Customer Support:** We provide 24-hour customer support.