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ASUS V500MV-DS504

ASUS V500 Mini Tower Desktop User Manual

Model: V500MV-DS504



1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your ASUS V500 Mini Tower Desktop. The ASUS V500 is designed for reliable performance and efficient multitasking, suitable for both professional and home environments. Please read this manual thoroughly before using your device.



ASUS V500 Mini Tower

Optimal Performance, Enhanced Productivity

Image: The ASUS V500 Mini Tower Desktop shown alongside a monitor on a desk, illustrating its compact design.

2. PACKAGE CONTENTS

Verify that all items are present in your package. If any item is damaged or missing, contact your retailer.

- ASUS V500MV-DS504 Mini Tower Desktop
- Power cord and Adapter
- User Guide (this document)

3. SETUP

3.1 Connecting Peripherals

Before powering on your ASUS V500 Mini Tower Desktop, connect all necessary peripherals such as your monitor, keyboard, and mouse.

1. Connect your monitor to the HDMI or DisplayPort on the rear of the desktop.
2. Connect your keyboard and mouse to the available USB ports.
3. Connect the power adapter to the desktop and then to a power outlet.

Built to last

ASUS desktops are extraordinarily tough and are tested against industry-leading military-grade MIL-STD-810H durability standards.

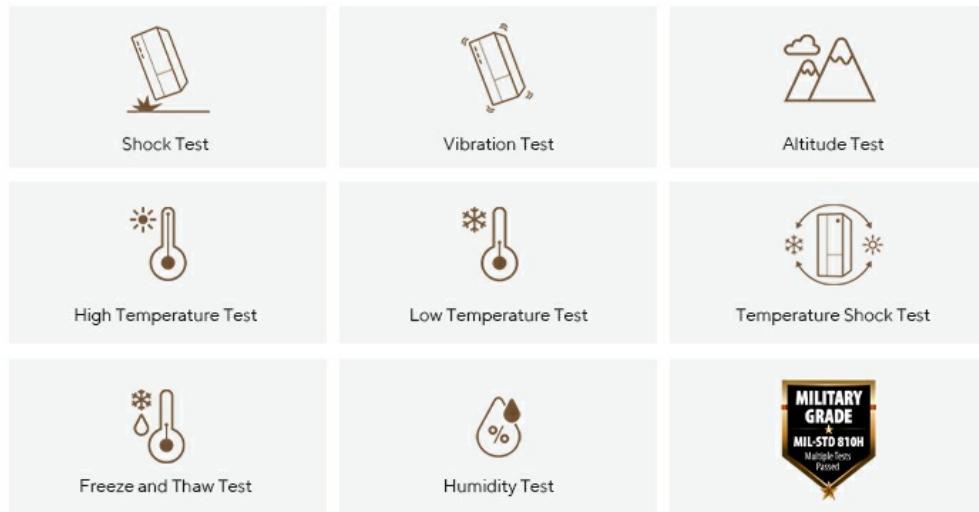


Image: Detailed view of the ASUS V500 Mini Tower Desktop's front and rear ports, including USB, HDMI, DisplayPort, LAN, and audio jacks.

3.2 Initial Power On

Once all peripherals are connected, press the power button located on the front of the desktop. The system will boot into Windows 11 Home. Follow the on-screen instructions for initial setup, including language selection, network connection, and user account creation.

Your browser does not support the video tag.

Video: An overview of the ASUS V500 Mini Tower Desktop, demonstrating unboxing, monitor setup, and initial power-on sequence. This video illustrates the physical setup process.

4. OPERATING INSTRUCTIONS

4.1 Windows 11 Home

Your ASUS V500 Mini Tower Desktop comes pre-installed with Windows 11 Home, offering a modern and intuitive user experience. Familiarize yourself with the Start Menu, Taskbar, and Settings to customize your desktop environment.

4.2 Performance Features

The desktop is equipped with an Intel Core i5 processor, 16GB DDR5 RAM, and a 512GB PCIe NVMe SSD, ensuring fast and efficient performance for various applications. Integrated Intel UHD Graphics provide crisp visuals for everyday computing and 4K streaming.

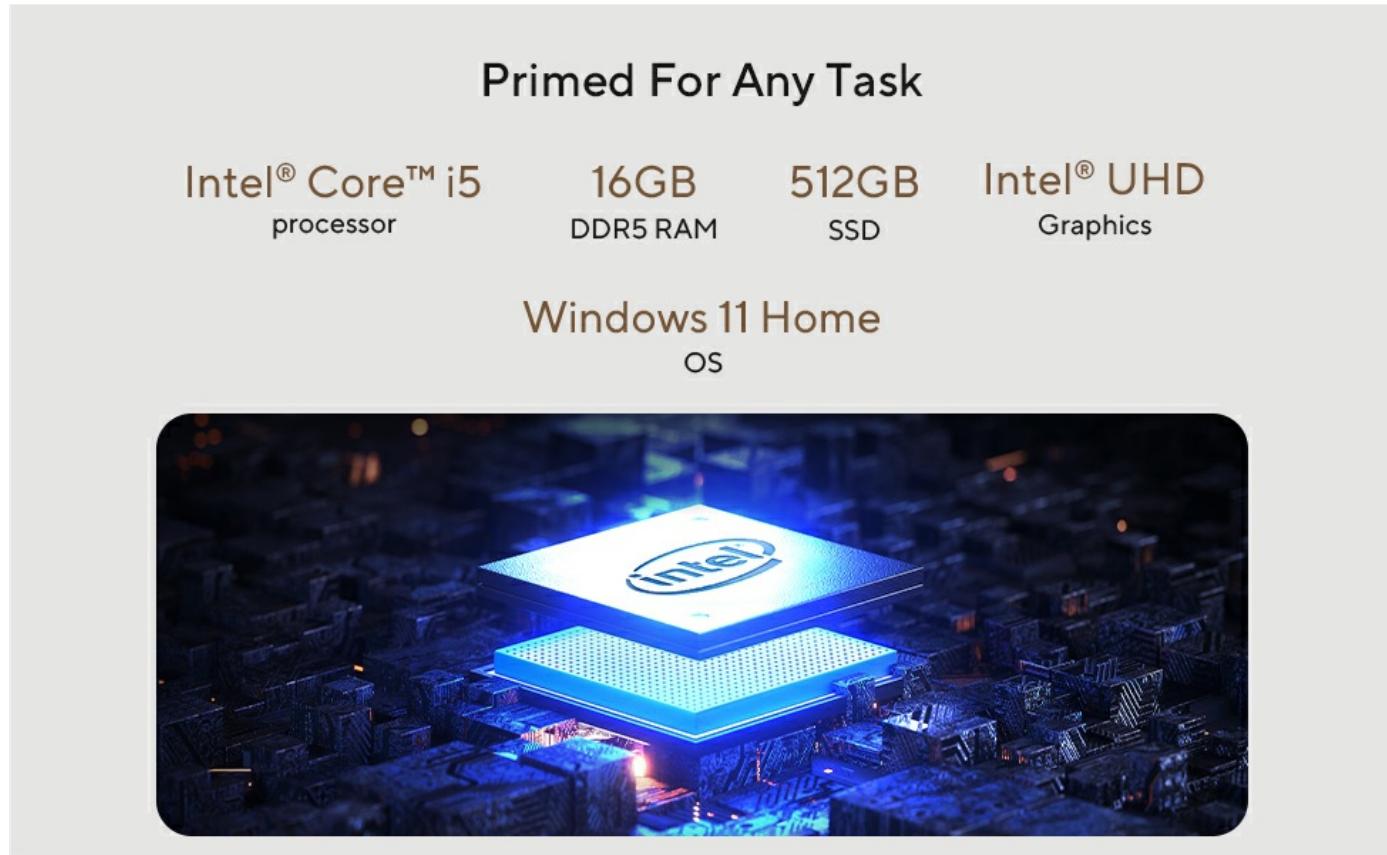
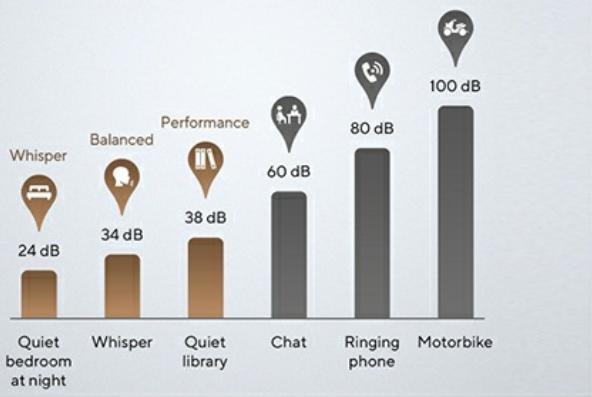


Image: A visual summary of the desktop's core components, including the Intel Core i5 processor, 16GB DDR5 RAM, 512GB SSD, and Windows 11 Home operating system.

4.3 Quiet Operation

The ASUS V500 is engineered for near-silent operation, generating less than 38 dB under full load. Fan-stop technology allows for 0 dB operation during low workloads, providing a distraction-free environment.



Keeping Things Quiet

Engineered for near-silent operation, generates less than 38 dB during operation.

Custom Thermal Solution

Designed with tailored thermal solutions for each model, it ensures exceptional performance, remarkable efficiency, and reduced power consumption.



Image: A bar chart illustrating the low noise levels of the ASUS V500 desktop in various operational modes, comparing them to everyday sounds.

5. MAINTENANCE

5.1 Thermal Management

The ASUS V500 features an advanced thermal design with tailored cooling solutions, including heat pipes, to efficiently dissipate heat. This ensures sustained performance and reliability, even during demanding tasks. Regular cleaning of dust from vents is recommended to maintain optimal airflow.

Comprehensive Hassle-free Connections

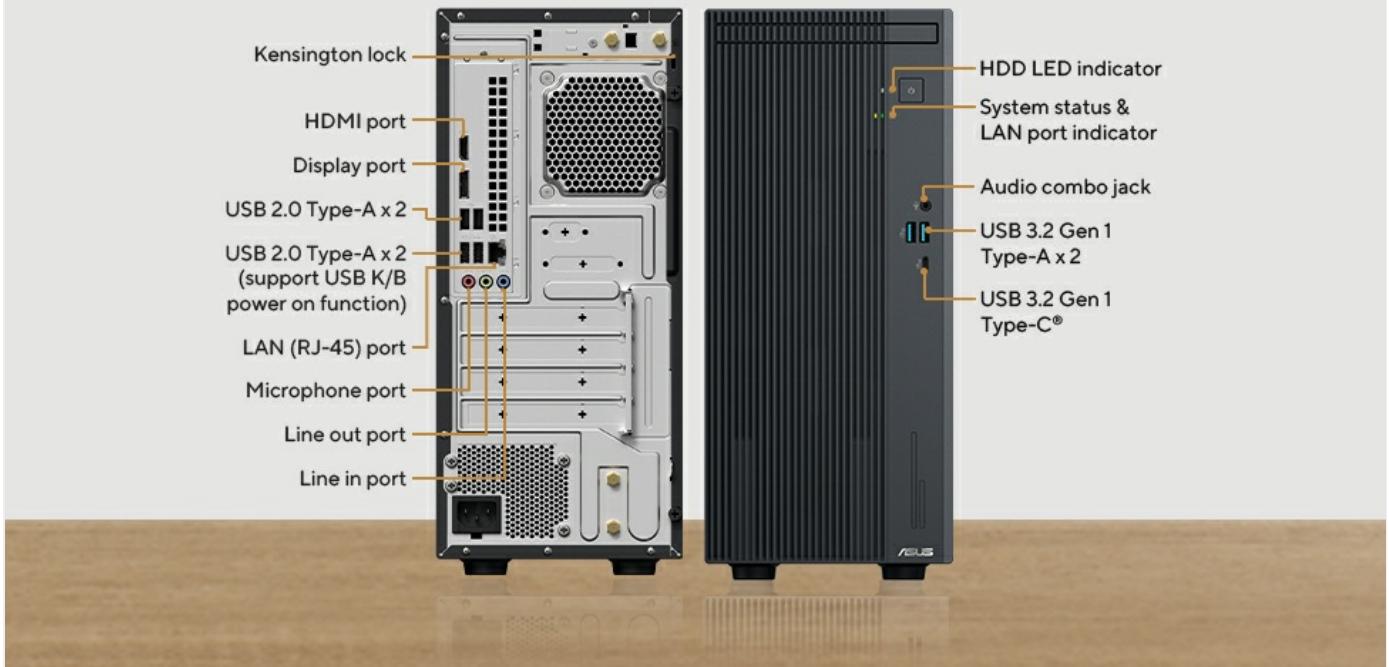


Image: A diagram illustrating the custom thermal solutions for different Intel Core processors within the ASUS V500, highlighting the fan and heat pipe configurations.

5.2 General Care

- Keep the desktop in a well-ventilated area.
- Avoid exposing the device to extreme temperatures or humidity.
- Clean the exterior with a soft, dry cloth. Do not use liquid cleaners directly on the device.
- Ensure all cables are securely connected.

6. TROUBLESHOOTING

If you encounter issues with your ASUS V500 Mini Tower Desktop, refer to the following common troubleshooting steps:

- **No Power:** Ensure the power cord is securely connected to both the desktop and the power outlet. Test the outlet with another device.
- **No Display:** Verify that the monitor is properly connected to the desktop and powered on. Check that the correct input source is selected on your monitor.
- **System Unresponsive:** If the system freezes, press and hold the power button for 10 seconds to force a shutdown. Then restart the computer.
- **Slow Performance:** Close unnecessary applications. Check for available Windows updates and driver updates. Ensure there is sufficient free space on your SSD.
- **Connectivity Issues:** For Wi-Fi, ensure the wireless adapter is enabled and you are connected to the correct network. For wired connections, check the LAN cable and router status.

For more detailed troubleshooting or persistent issues, please visit the official ASUS support website.

7. SPECIFICATIONS

Feature	Specification
Model Number	V500MV-DS504
Operating System	Windows 11 Home
Processor	Intel Core i5 (13th Gen Intel Core i5-13420H)
RAM	16 GB DDR5
Storage	512 GB PCIe NVMe SSD
Graphics	Integrated Intel UHD Graphics
Wireless Connectivity	Wi-Fi 6 (802.11ax)
Ports (Front)	USB 3.2 Gen 1 Type-A x 2, USB 3.2 Gen 1 Type-C, Audio combo jack
Ports (Rear)	HDMI, DisplayPort, USB 2.0 Type-A x 2, LAN (RJ-45), Microphone port, Line out port, Line in port
Dimensions (LxWxH)	6.1 x 11.65 x 13.66 inches
Weight	13.23 pounds
Color	Black

8. WARRANTY AND SUPPORT

Your ASUS V500 Mini Tower Desktop is covered by a manufacturer's warranty. For detailed warranty information, product registration, and technical support, please visit the official ASUS support website.

You can find additional resources and contact information at the [ASUS Store on Amazon](#).