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MSI WE75001

MSI WE75001 Mobile Workstation User Manual

Model: WE75001 | Brand: MSI

1. Introduction

This manual provides essential information for the setup, operation, maintenance, and troubleshooting of your MSI WE75001 Mobile Workstation. Please read this manual thoroughly before using the device to ensure proper functionality and longevity.
The MSI WE75001 is a high-performance 17.3-inch mobile workstation designed for demanding professional tasks, featuring an Intel Core i7-9750H processor, NVIDIA Quadro T2000 graphics, 32GB RAM, and a 512GB NVMe SSD.

2. Setup

2.1 Unboxing and Initial Inspection

Upon receiving your MSI WE75001 Mobile Workstation, carefully unpack all components. The package should contain:

- MSI WE75001 Laptop Computer
- Power Adaptor
- User Manual (this document)

Inspect all items for any signs of damage. If any component is missing or damaged, contact your retailer or MSI support immediately.

2.2 Connecting the Power Adaptor

1. Locate the power input port on the side of the workstation.
2. Connect the power adaptor cable to the workstation's power input port.
3. Plug the power adaptor into a grounded electrical outlet.
4. The battery charging indicator light should illuminate, indicating that the workstation is receiving power and the battery is charging.

2.3 Initial Power On

After connecting the power adaptor, open the workstation lid. Locate the power button, typically above the keyboard

or on the side. Press the power button to turn on the workstation. The operating system (Windows 10 Pro) will begin its initial setup process. Follow the on-screen instructions to complete the setup.

2.4 Connecting Peripherals

The workstation provides various ports for connecting external devices:

- **USB 3.0 Ports:** Connect USB devices such as mice, keyboards, and external storage drives. The MSI WE75001 features 4 USB 3.0 ports.
- **HDMI Port:** Connect an external display or projector.
- **Ethernet Port:** Connect to a wired network using an Ethernet cable.
- **Audio Jacks:** Connect headphones or external speakers.
- **SD Card Reader:** Insert an SD card for data transfer.



Image: Left side of the workstation, displaying ports including Ethernet, HDMI, USB, and audio jacks.



Image: Right side of the workstation, displaying USB ports, an SD card reader, and the power input.

3. Operating the Workstation

3.1 Keyboard and Touchpad

The workstation features a full-sized keyboard and a precision touchpad. Use the touchpad for cursor control and multi-touch gestures. Refer to the Windows 10 Pro settings for customizing touchpad sensitivity and gestures.



Image: Detailed view of the workstation's keyboard and touchpad area.

3.2 Display Features

The MSI WE75001 is equipped with a 17.3-inch Full HD (1920x1080) IPS-Level display. This display offers a 60Hz refresh rate, 72% NTSC color gamut, and 100% sRGB color accuracy, making it suitable for professional visual tasks. The thin bezel design maximizes screen space.



Image: Front view of the workstation, highlighting the 17.3-inch display.

3.3 Performance Components

This mobile workstation is configured with powerful components for demanding applications:

- **Processor:** Intel Core i7-9750H (2.6 GHz base, up to 4.5 GHz turbo)
- **Graphics:** NVIDIA Quadro T2000 with 4GB GDDR5 dedicated memory
- **Memory:** 32GB DDR4 2400MHz (expandable up to 64GB)
- **Storage:** 512GB NVMe Solid State Drive (SSD)

These specifications ensure efficient handling of complex computations, 3D rendering, and multi-tasking.

4. Maintenance

4.1 General Care

- Avoid exposing the workstation to extreme temperatures, direct sunlight, or high humidity.
- Do not place heavy objects on the workstation.
- Keep liquids away from the device.
- Transport the workstation in a protective case to prevent physical damage.

4.2 Cleaning

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen-cleaning solution. Do not spray liquid directly onto the screen.
- **Keyboard and Chassis:** Use a soft, dry cloth. For stubborn dirt, a slightly damp cloth can be used. Avoid abrasive cleaners.
- **Vents:** Periodically use compressed air to clear dust from the cooling vents to maintain optimal airflow.

4.3 Battery Care

- For optimal battery life, avoid fully discharging the battery frequently.
- If storing the workstation for an extended period, ensure the battery is charged to approximately 50-60%.
- Use only the original MSI power adaptor provided with your workstation.

5. Troubleshooting

This section addresses common issues you might encounter with your MSI WE75001 Mobile Workstation.

5.1 Workstation Does Not Power On

- Ensure the power adaptor is securely connected to both the workstation and a working electrical outlet.
- Verify the power outlet is functional by plugging in another device.
- If the battery is completely drained, allow it to charge for at least 15-30 minutes before attempting to power on again.
- Try holding the power button for 15-20 seconds to perform a hard reset.

5.2 Display Issues

- **No image on screen:** Ensure the workstation is powered on. If an external monitor is connected, try disconnecting it or pressing the display toggle key (often Fn + F2 or similar) to switch display outputs.
- **Flickering or distorted image:** Update your graphics drivers. Check display cable connections if using an external monitor.

5.3 Performance Problems

- **Slow performance:** Close unnecessary applications. Check Task Manager for processes consuming high CPU or memory. Ensure sufficient free space on the SSD.
- **Overheating:** Ensure cooling vents are not obstructed. Clean dust from vents. Consider using the workstation on a hard, flat surface to improve airflow.

5.4 Peripheral Devices Not Recognized

- Ensure the device is properly connected to the correct port.
- Try connecting the device to a different USB port.
- Restart the workstation.
- Check Device Manager in Windows for driver issues.

6. Specifications

The following table details the technical specifications of the MSI WE75001 Mobile Workstation:

Feature	Specification
Model Name	WE75001
Display Size	17.3 Inches
Screen Resolution	1920 x 1080 pixels (Full HD)
Processor	Intel Core i7-9750H (2.6 GHz, up to 4.5 GHz)
RAM	32 GB SO-DIMM DDR4 2400MHz (2 Sockets, Max 64GB)
Hard Drive	512 GB NVMe SSD
Graphics Coprocessor	NVIDIA Quadro T2000 (4GB GDDR5)
Operating System	Windows 10 Pro
Wireless Type	802.11ac
USB 3.0 Ports	4
Item Weight	5.73 pounds
Product Dimensions (LxWxH)	15.63 x 10.57 x 1.08 inches
Optical Drive Type	No Optical Drive

7. Warranty and Support

Your MSI WE75001 Mobile Workstation comes with a manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official MSI website.
For technical support, driver downloads, or service inquiries, please visit the official MSI support website or contact their customer service department. Keep your product's serial number readily available when seeking support.
MSI Official Website: www.msi.com

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