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MSI Modern 15 A1235U-001

MSI Modern 15 Laptop (Model A1235U-001) User Manual

1. Introduction

Welcome to the user manual for your new MSI Modern 15 Laptop, model A1235U-001. This guide provides essential information to help you set up, operate, maintain, and troubleshoot your device. The MSI Modern 15 is designed for productivity and everyday use, featuring a 15.6-inch Full HD display, an Intel Core i5-1235U processor, 16GB of RAM, and a 1TB PCIe SSD, running on Windows 11 Home.



Figure 1: Front view of the MSI Modern 15 Laptop.

2. Setup

2.1 Unpacking

Carefully remove the laptop and all accessories from the packaging. Ensure the following items are present:

- MSI Modern 15 Laptop
- Power Adapter and Cable
- HDMI Cable
- Documentation (this manual, warranty card)

2.2 Connecting the Power Adapter

Before initial use, connect the power adapter to the laptop's power input port and then to a power outlet. Allow the battery to charge fully before disconnecting the power adapter for portable use.

2.3 Initial Boot-Up and Windows 11 Setup

Press the power button located on the keyboard to turn on the laptop. Follow the on-screen instructions to complete the Windows 11 Home setup process. This includes selecting your region, connecting to a Wi-Fi network, and creating a user account.



Figure 2: Angled view of the laptop, highlighting connectivity ports.

3. Operating Instructions

3.1 Keyboard and Touchpad

The MSI Modern 15 features a full-size keyboard with a numeric keypad and a backlit function for improved visibility in low-light conditions. The integrated touchpad supports multi-touch gestures for navigation.

- **Backlit Keyboard:** The keyboard backlight may automatically dim or turn off after a period of inactivity to

conserve power. Typing or moving the mouse will reactivate it.

- **Touchpad:** The touchpad functions as a pointing device. The lower left and right areas of the touchpad serve as left and right-click buttons, respectively.



Figure 3: Close-up of the keyboard and touchpad.

3.2 Display

The laptop is equipped with a 15.6-inch IPS-level Full HD (1920x1080) display with a 60Hz refresh rate. Adjust display settings through Windows 11 settings for brightness, resolution, and external monitor configuration.

3.3 Ports and Connectivity

The MSI Modern 15 offers various ports for connecting peripherals:

- 2 x USB 2.0 ports
- 1 x HDMI port for external displays
- 1 x USB 3.2 Type-C port
- 1 x Micro SD Reader
- 1 x Headphone/Microphone Combo Jack

For wireless connectivity, the laptop supports Wi-Fi 6 (AX201) and Bluetooth 5.2.

3.4 Webcam

A 720p HD webcam is integrated into the top bezel of the display for video conferencing and online communication.

4. Maintenance

4.1 Cleaning

- **Screen:** Use a soft, lint-free cloth lightly dampened with water or a screen cleaner. Avoid harsh chemicals.
- **Chassis and Keyboard:** Wipe with a soft, dry cloth. Use compressed air to remove dust from keyboard crevices.

4.2 Battery Care

To maximize battery lifespan:

- Avoid extreme temperatures.
- Do not fully discharge the battery frequently.

- If storing the laptop for an extended period, ensure the battery is charged to approximately 50-60%.

4.3 Software Updates

Regularly update your Windows operating system and drivers to ensure optimal performance and security. Windows Update can be accessed via the Settings menu.

5. Troubleshooting

5.1 Laptop Not Powering On or Black Screen

If your laptop does not power on or the screen remains black after pressing the power button:

- Ensure the power adapter is securely connected to both the laptop and a working power outlet.
- Verify the power outlet is functional by plugging in another device.
- Try connecting an external monitor via the HDMI port to check if the display issue is with the laptop screen itself.
- Perform a hard reset by holding the power button for 15-20 seconds, then release and press it again to restart.

5.2 Backlit Keyboard Turns Off Quickly

The backlit keyboard is designed to conserve power by dimming or turning off after a short period of inactivity. This is normal operation. To reactivate, simply touch the touchpad or press any key.

5.3 General Performance Issues

If the laptop is running slowly or experiencing unexpected behavior:

- Close unnecessary applications running in the background.
- Check for and install any pending Windows updates.
- Run a system scan for malware or viruses.
- Ensure there is sufficient free space on the 1TB SSD.

6. Specifications

Component	Specification
Model Name	MSI Modern 15 A1235U-001
Processor	Intel Core i5-1235U (12th Gen, up to 4.4 GHz, 10-Cores, 12-Threads)
Graphics	Intel Iris Xe Integrated Graphics
Display	15.6" IPS-level Full HD (1920x1080) 60Hz
Operating System	Windows 11 Home
Memory (RAM)	16GB DDR4 (OnBoard)
Storage	1TB PCIe Solid State Drive (SSD)
Webcam	720p HD Webcam

Keyboard	Black Backlit Trackpad
Wireless Connectivity	Wi-Fi 6 AX201, Bluetooth 5.2
Ports	2x USB 2.0, 1x HDMI, 1x USB 3.2 Type-C, 1x Micro SD Reader, 1x Headphone/Microphone Combo Jack
Battery	3-Cell 39 WHr Battery
Power Supply	65W
Dimensions (LxWxH)	14 x 9.5 x 0.75 inches
Weight	4 pounds

7. Warranty and Support

Your MSI Modern 15 Laptop is covered by 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 support website. For technical assistance, driver downloads, or service inquiries, please contact MSI customer support.
Optional protection plans are available for extended coverage. These plans typically offer additional years of protection beyond the standard manufacturer's warranty.

- 2-Year Protection Plan
- 4-Year Protection Plan

For the most current support information, please visit the official MSI website:www.msi.com

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