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MSI F13MG-012US

MSI Modern 15 F13MG-012US Laptop User Manual

Model: F13MG-012US

1. Introduction

This manual provides essential information for the safe and efficient use of your MSI Modern 15 F13MG-012US laptop. Please read this manual thoroughly before operating your device and retain it for future reference. The MSI Modern 15 is designed for business and productivity, featuring an Intel Core i5-1335U processor, Intel Iris Xe graphics, 16GB DDR4 RAM, and a 1TB NVMe SSD, running on Windows 11 Pro.

2. What's in the Box

Verify that all items are present and in good condition upon unpacking.

- MSI Modern 15 F13MG-012US Notebook
- Power Adapter/Charger
- User Manual (this document)

3. Setup

3.1 Initial Power-On

1. Connect the power adapter to the laptop's charging port and then to a power outlet.
2. Open the laptop lid.
3. Press the power button located on the keyboard to turn on the laptop.
4. Follow the on-screen instructions to complete the Windows 11 Pro setup, including language selection, network connection, and user account creation.

3.2 Connecting Peripherals

Utilize the available ports to connect external devices such as a mouse, keyboard, external monitor, or USB storage devices.



Image 3.2.1: Left side of the MSI Modern 15 laptop, featuring the power input, HDMI port, USB-A port, and a USB-C port.



Image 3.2.2: Right side of the MSI Modern 15 laptop, featuring an audio jack, microSD card reader, two USB-A ports, and an Ethernet port.

4. Operating Instructions

4.1 Display

The laptop features a 15.6-inch Full HD (1920x1080) display with a 60Hz refresh rate, providing clear visuals for various tasks.



Image 4.1.1: Front view of the MSI Modern 15 laptop, showcasing its 15.6-inch Full HD display.

4.2 Processor and Performance

Equipped with a 13th Gen Intel Core i5-1335U processor and 16GB DDR4 RAM, the laptop is designed for efficient multi-tasking and productivity. The 1TB NVMe SSD ensures fast boot times and quick application loading.

4.3 Graphics

Integrated Intel Iris Xe Graphics provide visual performance suitable for creative tasks and everyday computing.

4.4 Connectivity

- **Wireless:** Supports WiFi 6E for high-speed wireless internet access and Bluetooth for connecting wireless peripherals.
- **USB-C:** Features a Type-C port for high-speed data transfer and Power Delivery (PD 3.0) charging.
- **USB-A:** Multiple USB 3.0 ports are available for connecting various USB devices.
- **HDMI:** Connect to external displays or projectors.

4.5 Keyboard and Touchpad

The laptop includes a backlit keyboard for comfortable typing in various lighting conditions and a responsive touchpad. A fingerprint reader is integrated for secure login.

5. Maintenance

5.1 Cleaning

- Use a soft, lint-free cloth to clean the screen and exterior surfaces.
- Avoid using harsh chemicals or abrasive materials.
- For the keyboard, use compressed air to remove dust and debris.

5.2 Software Updates

Regularly update your Windows operating system and drivers to ensure optimal performance and security. Check the MSI support website for the latest driver updates for your model.

5.3 Battery Care

To prolong battery life, avoid extreme temperatures and fully discharging the battery frequently. Store the laptop with a partial charge if not used for extended periods.

6. Troubleshooting

If you encounter issues with your laptop, consider the following basic troubleshooting steps:

- **No Power:** Ensure the power adapter is securely connected to both the laptop and a working power outlet. Try a different outlet if necessary.
- **Display Issues:** If the screen is blank, try connecting an external monitor to check if the issue is with the laptop's display. Ensure display drivers are updated.
- **Slow Performance:** Close unnecessary applications, check for malware, and ensure your operating system and drivers are up to date. Verify sufficient free space on the SSD.
- **Connectivity Problems:** For Wi-Fi issues, restart your router and the laptop. For wired connections, check the Ethernet cable.
- **System Unresponsive:** Press and hold the power button for 10-15 seconds to force a shutdown, then restart the laptop.

For more advanced troubleshooting or persistent issues, refer to the MSI support website or contact customer service.

7. Specifications

Feature	Specification
Model Name	Modern 15 F13MG-012US
Processor	Intel Core i5-1335U (1.3 GHz)
Operating System	Windows 11 Pro
Display	15.6 Inches, 1920 x 1080 pixels (FHD)
RAM	16 GB DDR4
Storage	1 TB NVMe SSD
Graphics	Integrated Intel Iris Xe
Wireless Connectivity	WiFi 6E, Bluetooth

Feature	Specification
USB Ports	4 x USB 3.0 (including Type-C with PD 3.0)
Special Features	Backlit Keyboard, Fingerprint Reader, HD Audio, Lightweight
Item Weight	3.73 pounds
Product Dimensions (LxWxH)	14.13 x 0.78 x 9.49 inches
Color	Platinum Gray
Battery	1 Lithium Polymer battery (included)

8. Warranty and Support

For warranty information and technical support, please visit the official MSI website. You can find detailed support resources, driver downloads, and contact information for customer service.

MSI Official Website: www.msi.com

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