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MSI GL62M

MSI GL62M 15.6-inch Gaming Laptop User Manual

Model: GL62M

1. Introduction

This manual provides essential information for the proper setup, operation, and maintenance of your MSI GL62M 15.6-inch Gaming Laptop. Please read this manual thoroughly before using your device to ensure optimal performance and longevity. The MSI GL62M features an Intel Core i7-7700HQ processor, NVIDIA GeForce GTX 1050 graphics, 16GB DDR4 RAM, and a 1TB SSD, designed for a high-performance computing experience.

2. Package Contents

Upon unpacking your MSI GL62M laptop, please verify that all items are present and in good condition:

- MSI GL62M 15.6-inch Gaming Laptop
- Power Adapter and Cable (Charger)
- Quick Start Guide (if included)

3. Product Overview

The MSI GL62M is engineered for gaming and demanding tasks, featuring a robust design and powerful internal components.



Figure 3.1: Front view of the MSI GL62M laptop with its screen illuminated, showcasing the MSI logo and a 'PCMag Reader's Choice' award. The keyboard features red backlighting.



Figure 3.2: The MSI GL62M laptop with its screen displaying gameplay from 'Tom Clancy's Ghost Recon Wildlands', demonstrating its vivid color display capabilities. A rainbow color spectrum graphic is visible above the screen.



Figure 3.3: A detailed view of the left side of the MSI GL62M laptop, highlighting the USB ports (USB 3.0 and USB Type-C) and the SteelSeries keyboard with its distinctive red 'Edge Glow Technology' backlighting.



Figure 3.4: A side profile view of the MSI GL62M laptop, illustrating its thin and portable design, suitable for gaming on the go.



Figure 3.5: A side view of the MSI GL62M laptop, highlighting its advanced cooling system, 'Cooler Boost 4', which includes 6-7 heat pipes and dual-fan cooling for efficient heat dissipation during intensive use.



Figure 3.6: A top-down view of the closed MSI GL62M laptop, showcasing its sleek black finish and the Intel Core i7 7th Generation processor branding, indicating its powerful internal components.



Figure 3.7: A front view of the MSI GL62M laptop with the screen turned off, showing its overall design and the red backlit keyboard.



Figure 3.8: A direct top-down view of the MSI GL62M laptop's SteelSeries keyboard, clearly showing the red backlighting and key layout, including the touchpad below.

4. Setup

4.1 Initial Power-On

1. Connect the power adapter to the laptop's power input port and then plug the power cable into an electrical outlet.
2. Open the laptop lid.
3. Press the power button, typically located above the keyboard, to turn on the laptop.
4. Follow the on-screen instructions to complete the initial Windows 10 setup, including language, region, network connection, and user account creation.

4.2 Connecting Peripherals

Your MSI GL62M laptop includes various ports for connecting external devices:

- **USB 3.0 Ports (x2):** For high-speed data transfer with external hard drives, flash drives, and other USB 3.0 compatible devices.
- **USB 2.0 Port (x1):** For connecting standard USB devices like mice, keyboards, or printers.
- **USB 3.0 Type-C Port (x1):** A versatile port for newer devices, offering faster data transfer and reversible connection.
- **HDMI/Mini DisplayPort:** For connecting external monitors or projectors.
- **Ethernet Port:** For wired network connections.
- **Audio Jacks:** For headphones and microphones.

5. Operating Instructions

5.1 Power Management

- **Turning On:** Press the power button.
- **Shutting Down:** Click the Windows Start button, then select Power > Shut down.
- **Sleep Mode:** Close the lid or select Power > Sleep from the Start menu.
- **Restarting:** Select Power > Restart from the Start menu.

5.2 Keyboard and Touchpad

The laptop features a SteelSeries keyboard with single backlight and anti-ghosting technology. The touchpad supports multi-touch gestures for navigation.

- **Function Keys (Fn):** Use the 'Fn' key in combination with F1-F12 keys for various functions like adjusting brightness, volume, or enabling/disabling Wi-Fi.
- **Touchpad Gestures:** Refer to Windows 10 settings for customizing touchpad gestures (e.g., two-finger scroll, pinch-to-zoom).

5.3 Display Settings

The 15.6-inch Full HD eDP Vivid Color 94% NTSC display offers excellent visual quality. You can adjust display settings via Windows settings:

- Right-click on the desktop and select 'Display settings' to adjust resolution, scale, and multiple display options.

6. Maintenance

6.1 Cleaning

- Use a soft, lint-free cloth to clean the screen and exterior surfaces. Avoid abrasive materials or harsh chemicals.

- For stubborn smudges, lightly dampen the cloth with water or a screen-cleaning solution.
- Regularly clean the keyboard and touchpad to prevent dust and debris buildup.

6.2 Battery Care

- Avoid fully discharging the battery frequently.
- If storing the laptop for an extended period, ensure the battery is charged to approximately 50-60%.
- Use only the original or an authorized replacement power adapter.

6.3 Cooling System

The MSI GL62M features Cooler Boost 4 with 6-7 heat pipes and dual-fan cooling. To maintain optimal cooling performance:

- Ensure the ventilation openings are not obstructed.
- Operate the laptop on a hard, flat surface to allow proper airflow.
- Periodically clean dust from the vents using compressed air.

7. Troubleshooting

This section addresses common issues you might encounter with your MSI GL62M laptop.

7.1 No Power

- Ensure the power adapter is securely connected to both the laptop and a working electrical outlet.
- Check if the power outlet is functional by plugging in another device.
- If the battery is completely drained, allow it to charge for a few minutes before attempting to power on.

7.2 Display Issues

- If the screen is blank, try adjusting the display brightness using the function keys (Fn + F3/F4).
- Ensure no external monitor is connected and set as the primary display.
- Restart the laptop.

7.3 Performance Problems

- Close unnecessary applications running in the background.
- Check for and install any available Windows updates or driver updates for your graphics card (NVIDIA GeForce GTX 1050).
- Ensure the laptop's cooling system is not obstructed and is functioning correctly.

For further assistance, please refer to the official MSI support website or contact their customer service.

8. Specifications

Feature	Specification
Model Name	GL62M
Display	15.6 Inches Full HD eDP Vivid Color 94% NTSC (1920x1080)
Processor	Intel Core i7-7700HQ (2.8 GHz, up to 3.8 GHz)

Feature	Specification
Graphics Card	NVIDIA GeForce GTX 1050 2GB GDDR5
RAM	16GB DDR4 2400MHz (Upgradeable to 32GB)
Storage	1TB M.2 SATA SSD
Operating System	Windows 10
USB Ports	2x USB 3.0, 1x USB 2.0, 1x USB 3.0 Type-C
Wireless Type	802.11a
Keyboard	SteelSeries Single backlight with Anti-Ghost key + silver lining
Item Weight	9.45 pounds
Product Dimensions	17 x 3 x 11 inches

9. Warranty and Support

This product is a Certified Refurbished item, tested and certified to function like new. The refurbishing process includes functionality testing, basic cleaning, inspection, and repackaging. It ships with all relevant accessories and a minimum 90-day warranty.
For technical support, driver downloads, or warranty claims, please visit the official MSI support website or contact your retailer for assistance.

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