GL.iNet GL-E750V2

GL.iNet GL-E750V2 (MUDI) 4G LTE Portable Wi-Fi Hotspot User Manual

Model: GL-E750V2 (MUDI)

Brand: GL.iNet

1. Introduction

The GL.iNet GL-E750V2 (MUDI) is a portable 4G LTE Wi-Fi hotspot designed for secure and reliable internet connectivity on the go. This device integrates advanced features such as VPN support, OpenWrt operating system, and expandable storage, making it suitable for various travel and remote work scenarios. This manual provides essential information for setting up, operating, and maintaining your MUDI device.

2. Package Contents

Verify that all items listed below are included in your package:

- 1 x GL-E750V2 (Mudi) Router
- 1 x USB-C to USB-A Cable
- 1 x USB-C to USB-C Cable
- 1 x USB-C Port Replicator (for Ethernet connection)
- 1 x Power Adapter (with US, EU, UK, AU Plugs)
- 1 x EM060K Cat6 4G Module (pre-installed)
- 1 x Ethernet Cable
- 1 x User Manual
- 1 x Warranty Card
- 1 x Pouch Bag



Image: All components included in the GL.iNet MUDI router package.

3. Setup Guide

3.1. Inserting a SIM Card

1. Locate the SIM card slot on the device. This is typically found under a removable back cover.
2. Insert your Nano SIM card into the designated slot until it clicks into place. Ensure the SIM card is correctly oriented.
3. The device also supports GL.iNet Physical eSIM Cards for flexible connectivity. These must be purchased separately.

3.2. Powering On the Device

1. Connect the GL-E750V2 (MUDI) router to the power adapter using the provided USB-C cable.
2. Attach the appropriate regional plug to the power adapter.
3. Plug the power adapter into a wall outlet.
4. Press and hold the power button on the side of the device until the display illuminates.

3.3. Initial Wi-Fi Connection

1. Once powered on, the device's display will show the Wi-Fi network name (SSID) and password.
2. On your computer or smartphone, search for available Wi-Fi networks.
3. Select the MUDI's SSID and enter the password to connect.



Image: The MUDI device displaying network information.

4. Operating Instructions

4.1. Accessing the Admin Panel

To configure advanced settings, access the router's web-based admin panel:

1. Connect your device to the MUDI's Wi-Fi network.
2. Open a web browser and enter the default IP address (usually192.168.8.1) into the address bar.
3. Log in using the default username and password (refer to the device's label or user manual for initial credentials).

4.2. Using VPN Features

The MUDI supports OpenVPN and WireGuard protocols for secure browsing. You can configure VPN settings through the admin panel. It supports over 30 VPN providers.



Image: The MUDI router highlighting its VPN capabilities.

4.3. Ethernet Connection

Utilize the included USB-C port replicator to connect the MUDI to a wired Ethernet network. This allows the MUDI to act as a router for a wired connection or to provide wired access to devices connected to the MUDI's Wi-Fi.



Image: MUDI connected via its USB-C port replicator for Ethernet.

5. Key Features

- **Portable 4G LTE Hotspot:** Provides 4G LTE connectivity with a SIM card slot, ideal for travel.
- **Dual-Band Wi-Fi:** Offers combined Wi-Fi speeds of 300Mbps (2.4G) + 433Mbps (5G).
- **Advanced Security:** Built-in OpenVPN, WireGuard support, and customized DNS server for online security.
- **High VPN Speeds:** Experience WireGuard speeds up to 50Mbps and OpenVPN speeds up to 10Mbps.
- **Long Battery Life:** Integrated 7000mAh battery provides up to 8 hours of usage.
- **Compact Design:** Measures 5.7 x 3.1 x 0.9 inches and weighs 285g, making it travel-friendly.
- **Expandable Storage:** Features DDR2 128MB RAM, 16MB NOR Flash, 128MB NAND Flash, and supports up to 1TB MicroSD card via a USB 2.0 port.
- **OpenWrt Operating System:** Offers flexibility and customization options.
- **Physical eSIM Card Support:** Simplifies usage and allows easy switching between operators and countries (eSIM card sold separately).

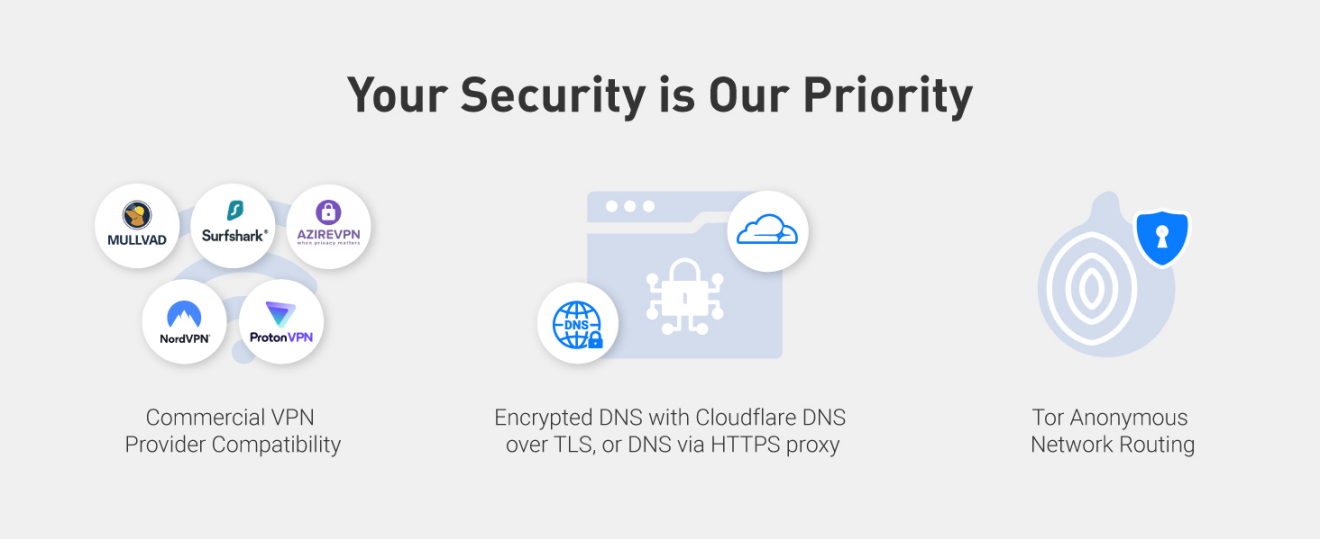


Image: The MUDI device demonstrating its compact and portable design.

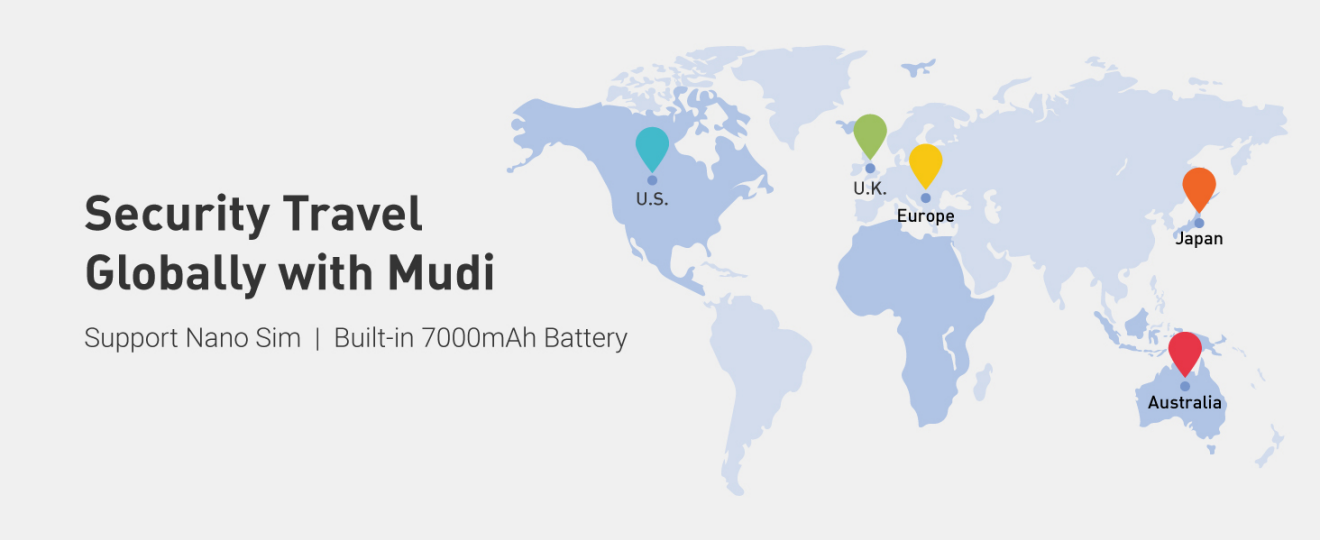


Image: The MUDI device showcasing its 7000mAh battery performance.

6. Technical Specifications

Product Dimensions	5.7 x 3.1 x 0.9 inches
Item Weight	10.1 ounces (285g)
Model Name	GL-E750V2
Batteries	1 Lithium Polymer battery (7000mAh, included)
Wireless Communication Standard	802.11ac (Dual-Band)
Frequency Band Class	Dual-Band (2.4G + 5G)
Special Feature	Guest Mode, VPN Support (OpenVPN, WireGuard), OpenWrt
Connectivity Technology	Wi-Fi, 4G LTE (Cat6 EM060K module pre-installed)
Storage	DDR2 128MB RAM, 16MB NOR Flash, 128MB NAND Flash, Max. 1 TB MicroSD, USB 2.0 port

Color	Black

7. Troubleshooting

- **No Internet Connection:** Ensure your SIM card is properly inserted and activated with a data plan. Check the signal strength on the device display. Try restarting the device.
- **Slow Speeds:** Verify your cellular signal strength. If using VPN, try disabling it temporarily to see if speeds improve. Ensure the device is not overheating.
- **Cannot Access Admin Panel:** Confirm your device is connected to the MUDI's Wi-Fi. Double-check the IP address (192.168.8.1) and your login credentials.
- **Device Not Powering On:** Ensure the power adapter and USB-C cable are securely connected and the power outlet is functional. Allow the device to charge if the battery is depleted.

8. Warranty and Support

The GL.iNet GL-E750V2 (MUDI) router comes with a 2-year warranty. For technical support, warranty claims, or further assistance, please refer to the contact information provided on the GL.iNet official website or your warranty card.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question