GL.iNet GL-MT1300

GL.iNet GL-MT1300 (Beryl) Travel Router User Manual

Model: GL-MT1300

1. Introduction

The GL.iNet GL-MT1300 (Beryl) is a compact and powerful VPN wireless travel router designed to provide secure and reliable internet connectivity on the go. It features dual-band Wi-Fi, multiple Gigabit Ethernet ports, and pre-installed VPN and Tor services, making it ideal for travelers, remote workers, and anyone seeking enhanced online privacy and security. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your Beryl router.



Figure 1: GL.iNet GL-MT1300 (Beryl) Travel Router

2. Package Contents

Before you begin, please ensure all items are present in the package:

- Beryl (GL-MT1300) Travel Router
- Ethernet cable
- User manual
- 5V/3A Type-C power adapter (US Plug)

3. Product Overview

Familiarize yourself with the physical components and ports of your GL-MT1300 router.



Figure 2: Product Dimensions and Port Layout

- **WAN Ethernet Port:** Connects to your internet source (e.g., modem, hotel Ethernet).
- **LAN Ethernet Ports:** Connects to wired devices (e.g., computers, game consoles).
- **USB 3.0 Port:** For connecting USB storage devices or USB modems.
- **Type-C Power Port:** For connecting the power adapter.
- **MicroSD Card Slot:** (Optional) For additional storage up to 512GB.
- **Reset Button:** Used to reset the router to factory settings.
- **Mode Switch:** Toggles between different operating modes (e.g., VPN/Tor).
- **Light Indicators:** Displays status of 2.4GHz and 5GHz Wi-Fi bands.

4. Setup

Follow these steps for the initial setup of your GL-MT1300 router.

4.1 Powering On

1. Connect the provided 5V/3A Type-C power adapter to the router's power port.
2. Plug the power adapter into a power outlet.
3. The router should light up after approximately 1 minute. The 2G and 5G lights should display, indicating the Wi-Fi bands are active.

Your browser does not support the video tag.

Video 1: MT1300 Unboxing and Setup Guide. This video demonstrates the initial unboxing and power-on process for the GL-MT1300 router.

4.2 Accessing the Admin Panel

1. Connect your computer or mobile device to the router's Wi-Fi network (SSID and password are on the router's label). Alternatively, connect your computer to one of the LAN ports using an Ethernet cable.
2. Open a web browser and navigate to http://192.168.8.1.
3. Follow the on-screen instructions to set up your new administrator password and configure basic settings.

Your browser does not support the video tag.

Video 2: How to Access Admin Panel. This video guides you through the process of accessing the router's web-based administration interface.

5. Operating the Router

The GL-MT1300 offers various modes and features for flexible internet access and enhanced security.

5.1 Internet Connection Methods

Your router supports multiple ways to connect to the internet:

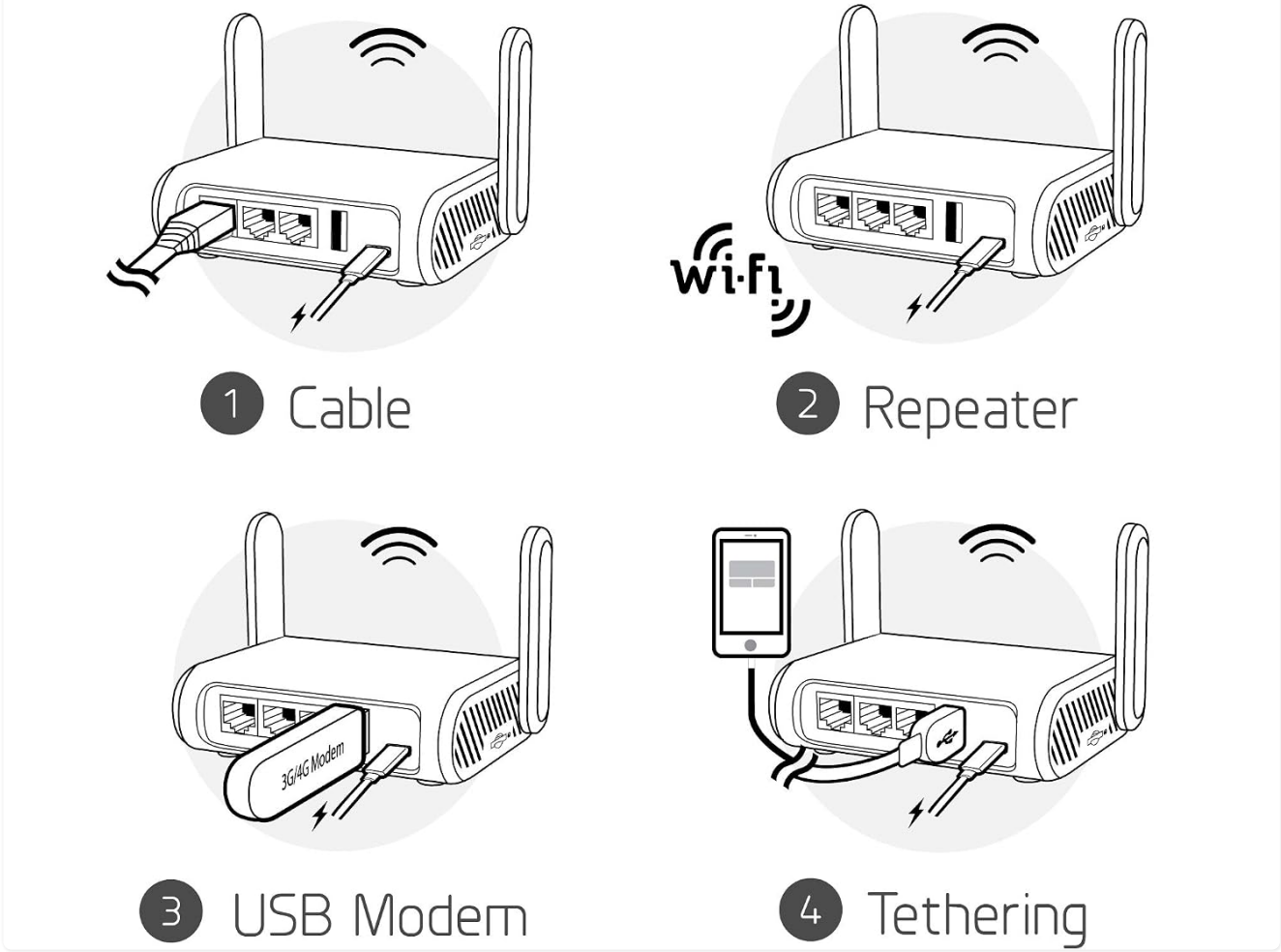


Figure 3: Internet Access Methods

- **Cable:** Connect an Ethernet cable from your modem or wall jack to the router's WAN port.
- **Repeater (Wi-Fi):** Connect the router wirelessly to an existing Wi-Fi network (e.g., hotel Wi-Fi, public hotspot) and share it with your devices. This is useful for bypassing captive portals.
- **USB Modem:** Plug a compatible 3G/4G USB modem into the USB 3.0 port.
- **Tethering:** Connect your smartphone via USB to share its mobile data connection.

Your browser does not support the video tag.

Video 3: How to Connect Public/Hotel Wi-Fi through Repeater. This video demonstrates how to use the router in repeater mode to connect to public Wi-Fi networks.

Your browser does not support the video tag.

Video 4: Instruction of Setup Tethering. This video provides instructions on setting up USB tethering with your router.

5.2 Dual-Band Wi-Fi Speeds

The Beryl router supports dual-band Wi-Fi, providing speeds up to 867Mbps on 5GHz and 400Mbps on 2.4GHz, suitable for various online activities.

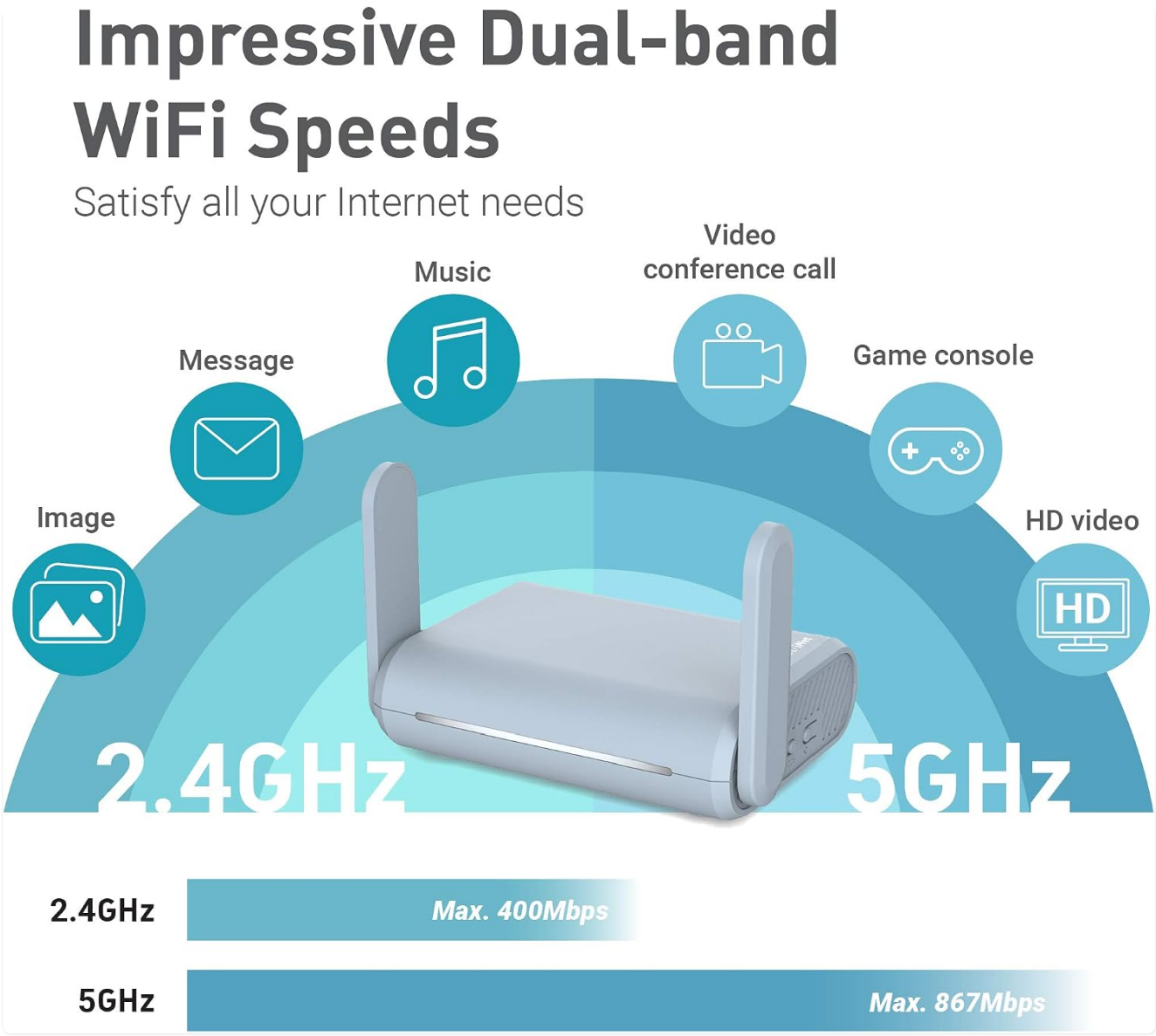


Figure 4: Dual-Band Wi-Fi Speed Capabilities

5.3 VPN and Tor Services

The router comes with OpenVPN and WireGuard pre-installed, compatible with over 30 VPN service providers. It also includes pre-installed Tor service for enhanced anonymity. A physical toggle switch allows for quick activation of VPN/Tor.

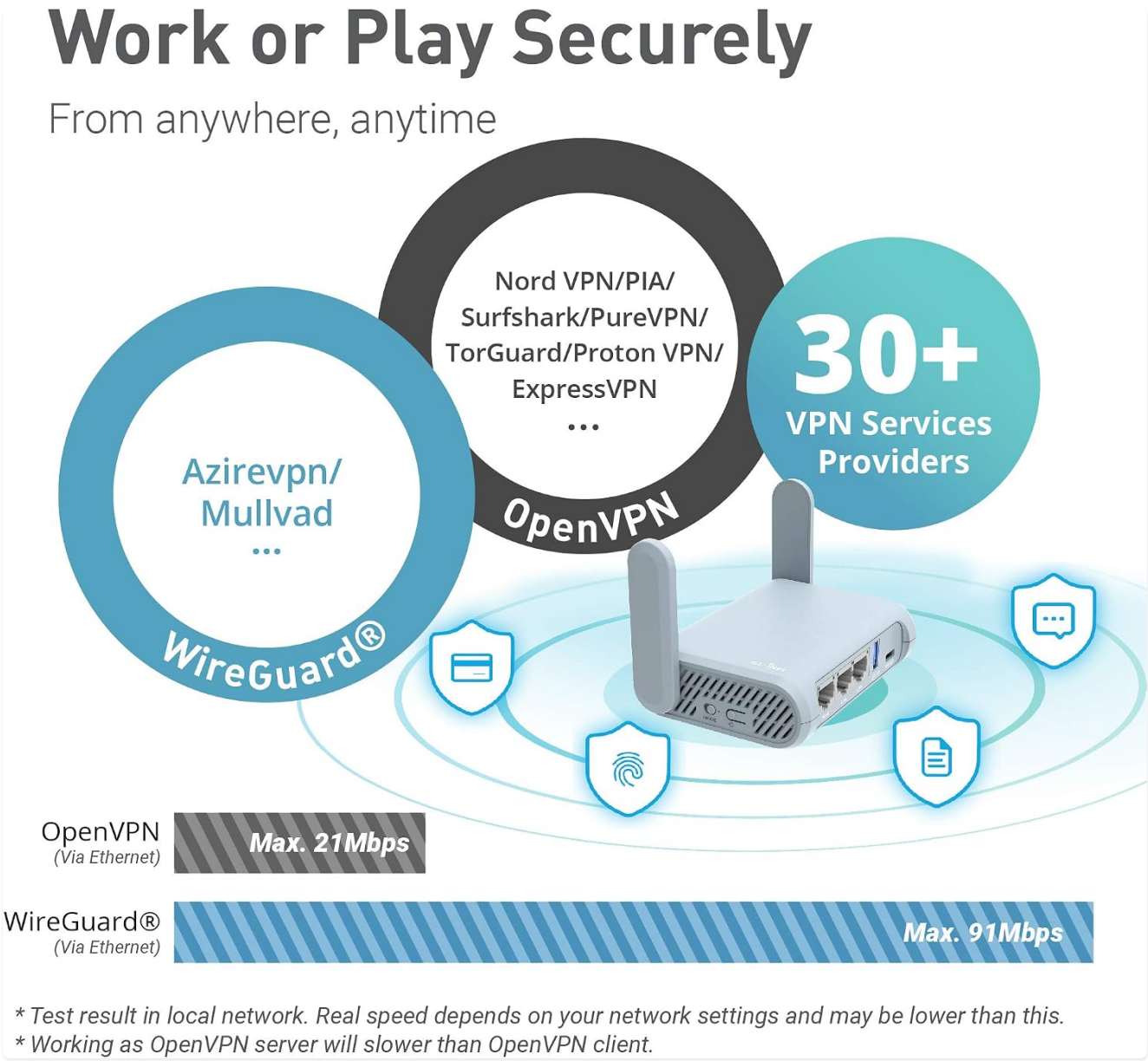


Figure 5: VPN Service Compatibility



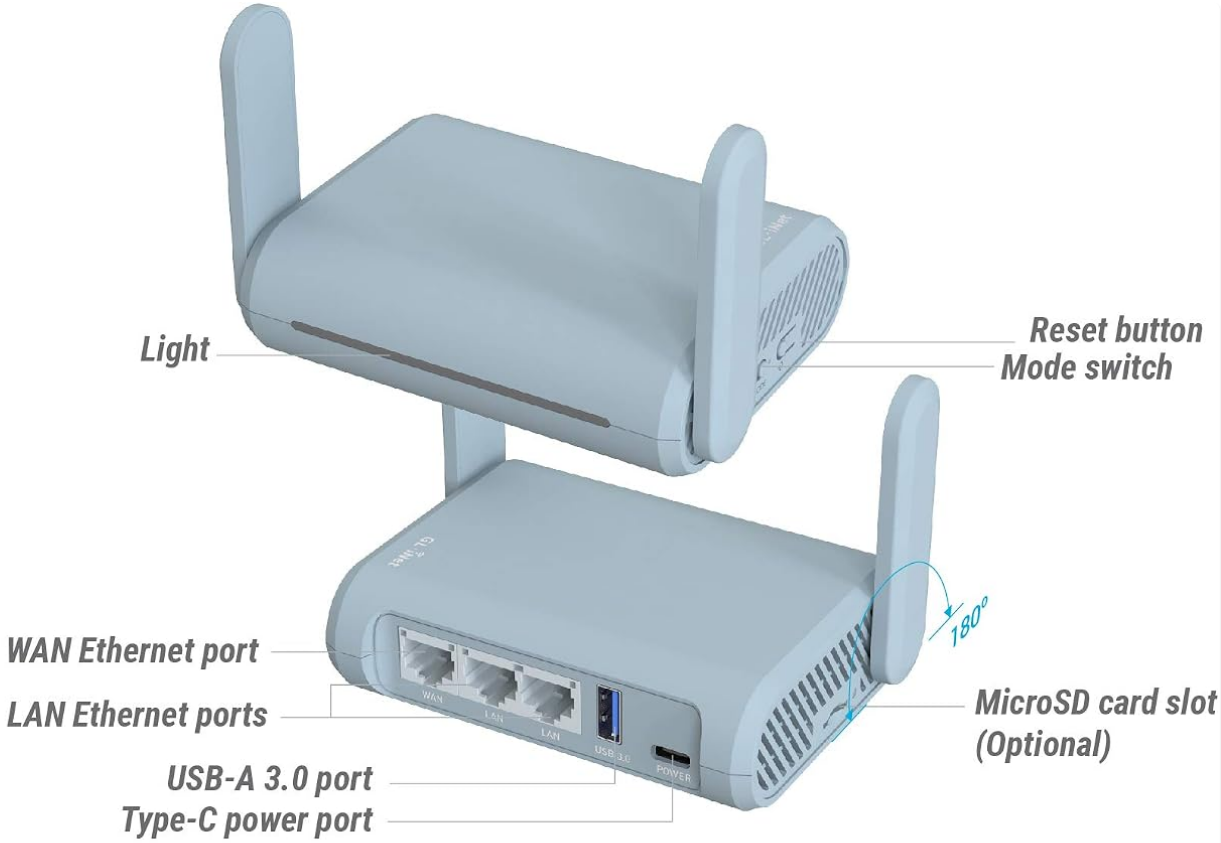
Figure 6: Enhanced Online Security Features

Your browser does not support the video tag.

Video 5: Pocket-Sized Travel Router With Top-Notch Security Features. This video highlights the security capabilities of the router, including VPN and Tor.

5.4 Device Connectivity

The Beryl router can support up to 40 wireless devices simultaneously, making it suitable for personal and small group use.



Product Dimension

Weight: 184g



Figure 7: Multiple Device Connectivity



Figure 8: Router in Use

6. Maintenance

To ensure optimal performance and longevity of your GL-MT1300 router, consider the following maintenance tips:

- **Firmware Updates:** Regularly check for and install the latest firmware updates from the GL.iNet official website. Updates often include performance improvements, security patches, and new features.
- **Placement:** Place the router in an open area, away from obstructions and other electronic devices that may cause interference.
- **Cleaning:** Keep the router clean and free from dust. Use a soft, dry cloth for cleaning. Do not use liquid cleaners.
- **Power Cycle:** If you experience connectivity issues, try power cycling the router by unplugging it from the power source for 10-15 seconds and then plugging it back in.

7. Troubleshooting

This section addresses common issues you might encounter with your GL-MT1300 router.

7.1 Common Questions

- **How to set up the Router?**
  All GL.iNet devices have a simple and almost identical setup process. Refer to Section 4 of this manual or check the instructions from the official GL.iNet documentation.
- **Can this router replace a VPN service?**
  No, the router cannot replace a VPN service. You still need to subscribe to a VPN service provider to get VPN service. The router acts as a client to connect to your chosen VPN service.
- **Can it connect in repeater mode to a hotel Wi-Fi that uses a web page for access?**
  Yes, you can connect to public or hotel Wi-Fi networks that use captive portals (web pages for access) using the repeater mode. If the public Wi-Fi hotspot sets a time limit, you may need to reconnect your router to the Wi-Fi after the time limit expires.
- **Why is my VPN/Tor not connecting to hotel Wi-Fi?**
  Ensure you turn off your VPNs/Tor on this device before attempting to connect to the hotel Wi-Fi's captive portal. Once connected to the hotel's network, you can then activate your VPN/Tor services.

7.2 Resetting the Router

If you encounter persistent issues, you may need to reset the router to its factory default settings. Locate the reset button (usually a small pinhole) on the router. With the router powered on, use a paperclip or similar pointed object to press and hold the reset button for approximately 5-10 seconds until the lights flash. Release the button, and the router will restart with factory settings.

8. Specifications

Detailed technical specifications for the GL.iNet GL-MT1300 (Beryl) router:

Feature	Detail
Product Dimensions	4.65 x 3.35 x 1.18 inches
Item Weight	1.17 pounds
Item Model Number	GL-MT1300
Brand	GL.iNet
Model Name	Beryl
Frequency Band Class	Dual-Band (2.4GHz & 5GHz)
Wireless Communication Standard	802.11ac
Max. Wi-Fi Speed	867Mbps (5GHz) + 400Mbps (2.4GHz)
RAM	DDR3L 256MB
Flash Memory	32MB
MicroSD Slot	Up to 512GB (TF card not included)
USB Port	USB 3.0

Ethernet Ports	3 Gigabit Ethernet ports (1 WAN, 2 LAN)
Special Features	Wireless, Wi-Fi, WPS, Internet Security, OpenVPN, WireGuard, Tor, Cloudflare DNS over TLS
Compatible Devices	Laptop, Personal Computer, Tablet, Smartphone
Recommended Uses	Travel, Home

9. Warranty & Support

Your GL.iNet GL-MT1300 (Beryl) router comes with a 1-year warranty. For further assistance, technical support, or to access the latest documentation, please visit the official GL.iNet website or refer to the digital user manual available at https://manuals.plus/m/e3b88263d2901d7b38610f9a4182a7a4ca95182aec14e1abd1b5e6e698dea3ab. For additional resources and community support, you may also visit the GL.iNet brand store on Amazon:GL.iNet Store.

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