GL.iNet GL-A1300

GL.iNet GL-A1300 (Slate Plus) Wireless VPN Encrypted Travel Router & Gadget Organizer Case User Manual

Model: GL-A1300

1. Product Overview

The GL.iNet GL-A1300 (Slate Plus) is a dual-band wireless travel router designed for secure and versatile network connectivity on the go. It features pre-installed VPN client and server capabilities, network storage support, and runs on the OpenWrt 21.02 operating system. This package also includes a dedicated gadget organizer case for convenient portability and protection.



Image: The GL.iNet GL-A1300 Slate Plus router shown alongside its grey gadget organizer case.

2. Key Features

- **Dual Band AC Wireless:** Supports 400Mbps (2.4GHz) and 867Mbps (5GHz) wireless speeds with a stable IPQ4018 @717MHz CPU.
- **Open Source & Programmable:** Operates on OpenWrt 21.02, allowing for customization and application installation.
- **VPN Client & Server:** Pre-installed OpenVPN and WireGuard, compatible with over 30 VPN service providers. Achieves max VPN speeds of 28 Mbps (OpenVPN) and 190 Mbps (WireGuard).
- **Network Storage:** Supports SAMBA and WebDav protocols for creating private network storage by connecting an external USB hard drive.
- **Versatile Use:** Ideal for use in hotels, cafes, airports, RVs, and other public Wi-Fi environments to secure connected devices.



Image: The router highlighting its VPN capabilities, showing maximum speeds for WireGuard and OpenVPN protocols.

3. Setup Guide

3.1 Initial Power On

1. Connect the provided power adapter to the router's power port.
2. Plug the power adapter into a wall outlet.
3. Wait for the router's indicator lights to stabilize, indicating it is ready for configuration.

3.2 Connecting to the Router

- **Wireless Connection:** Search for the router's Wi-Fi network (SSID) on your device (laptop, smartphone). The default SSID and password are usually found on a sticker on the router or in the quick start guide.
- **Wired Connection:** Connect an Ethernet cable from your computer's LAN port to one of the router's LAN ports.

3.3 Accessing the Admin Panel

1. Open a web browser on your connected device.
2. Enter the default IP address of the router (e.g.,http://192.168.8.1) into the address bar and press Enter.

3. Follow the on-screen prompts to set up a new administrator password and configure basic network settings.

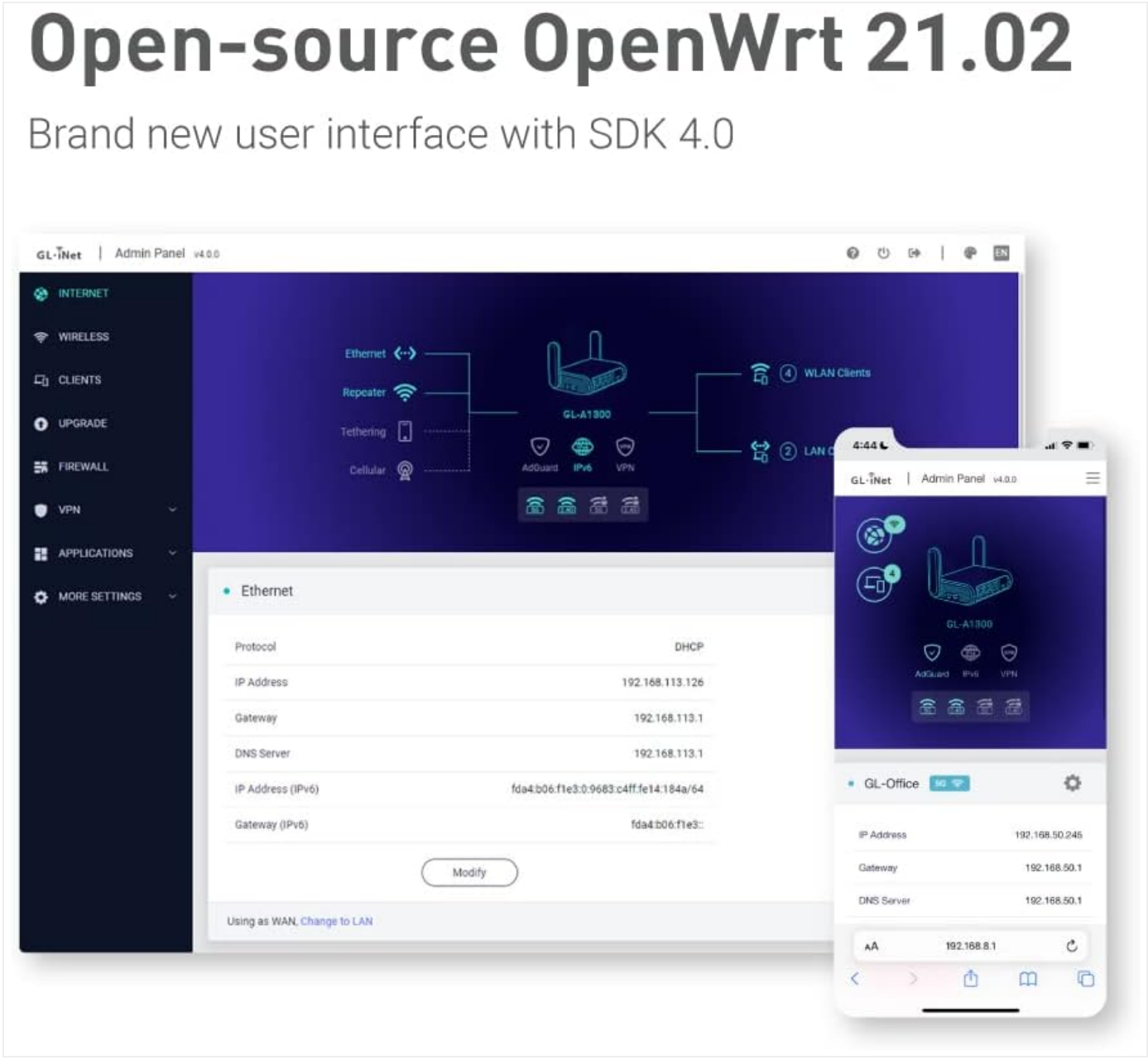


Image: A screenshot of the GL.iNet GL-A1300's OpenWrt 21.02 admin panel, showing the user interface for network configuration.

4. Operating Instructions

4.1 Connecting to Public Wi-Fi (Repeater Mode)

1. Access the router's admin panel.
2. Navigate to the "Internet" or "Repeater" section.
3. Scan for available Wi-Fi networks and select the public hotspot you wish to connect to.
4. Enter any required password for the public network. The router will then extend this network, providing a secure connection for your devices.

4.2 Using VPN Features

1. From the admin panel, go to the "VPN" section.
2. Choose between OpenVPN or WireGuard.

3. Import your VPN configuration file or enter the server details provided by your VPN service provider.
4. Activate the VPN connection. All devices connected to the router will now have their traffic routed through the VPN.

4.3 Setting Up Network Storage (SAMBA/WebDav)

1. Connect a USB storage device (flash drive or external hard drive) to the router's USB port.
2. In the admin panel, locate the "Applications" or "Network Storage" section.
3. Enable SAMBA or WebDav services and configure sharing settings as desired.
4. You can now access the shared files from devices connected to the router's network.



Image: The router connected to an external hard drive via its USB port, illustrating the network storage capability.

5. Maintenance

- **Firmware Updates:** Regularly check for and install firmware updates from the GL.iNet official website to ensure

optimal performance and security.

- **Cleaning:** Use a soft, dry cloth to clean the router. Avoid liquid cleaners or abrasive materials.
- **Ventilation:** Ensure the router is placed in a well-ventilated area to prevent overheating. Do not block the ventilation holes.
- **Safe Storage:** When not in use, store the router and its accessories in the provided organizer case to protect them from dust and physical damage.

6. Troubleshooting

6.1 No Internet Connection

- Check if the router is properly connected to the internet source (e.g., modem, public Wi-Fi).
- Restart the router and the connected modem/device.
- Verify the internet settings in the router's admin panel.

6.2 Slow VPN Speed

- Ensure your internet connection speed is adequate.
- Try connecting to a different VPN server location.
- Consider switching between OpenVPN and WireGuard protocols, as WireGuard generally offers higher speeds.

6.3 Cannot Access Network Storage

- Confirm the USB storage device is securely connected and powered (if required).
- Check the SAMBA/WebDav settings in the router's admin panel to ensure they are enabled and configured correctly.
- Verify that your device is on the same network as the router.

7. Specifications

Feature	Detail
Model Name	GL-A1300
Brand	GL.iNet
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11ac
Frequency	5 GHz
Connectivity Technology	Wi-Fi
Special Feature	WPS
Compatible Devices	Personal Computer
Color	Grey
Operating System	OpenWrt 21.02 (Customizable)

First Available Date	October 19, 2022

Specifications



Image: Detailed dimensions of the GL.iNet gadget organizer case, showing external and internal measurements.

8. Gadget Organizer Case

The GL.iNet GL-A1300 comes with a dedicated grey gadget organizer case, designed for convenient and protected transport of your router and its accessories.

8.1 Case Features

- **Convenient Organizer:** Features internal compartments and mesh pockets for cables, adapters, and the router itself.
- **Effective Protection:** Designed to be crush resistant, anti-shock, and water resistant, offering robust protection for your devices. *Note: The pouch bag does not support immersion in water.*

- **Portable Design:** Includes a zipper closure and a finger strap for easy carrying.
- **Suitable Size:** Perfectly fits the router along with necessary Ethernet and power cables for travel.



Image: Close-up view of the organizer case highlighting its zipper, internal mesh pocket, and finger strap for portability.



Image: The organizer case demonstrating its protective qualities, including resistance to crushing, shocks, and water splashes.



Image: The GL.iNet GL-A1300 router placed inside its custom-fit travel case, demonstrating its compact and secure storage.

9. Warranty and Support

For warranty information and technical support, please refer to the official GL.iNet website or contact their customer service directly. Keep your purchase receipt for warranty claims.
Official GL.iNet Website: https://www.gl-inet.com

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and use this page's manual context to help answer it.

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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