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GL.iNet GL-A1300

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

Model: GL-A1300

Introduction

The GL.iNet GL-A1300 (Slate Plus) is a versatile wireless VPN encrypted travel router designed for secure and reliable internet access on the go. It features dual-band AC wireless connectivity, open-source firmware, and robust VPN client/server capabilities. This manual provides comprehensive instructions for setting up, operating, and maintaining your GL-A1300 router and its accompanying wall mount.



A front-side view of the GL.iNet GL-A1300 (Slate Plus) travel router, showcasing its compact design, dual antennas, WAN/LAN ports, USB 3.0 port, and power input.

Key Features

- **Dual Band AC Wireless Router:** Offers wireless speeds of 400Mbps (2.4G) + 867Mbps (5G) with Tethering Compatibility. Powered by a stable IPQ4018 @717MHz CPU.
- **Open Source & Programmable:** Runs on OpenWrt 21.02, allowing for customization and installation of various applications.
- **VPN Client & Server:** Pre-installed OpenVPN and WireGuard, compatible with over 30 VPN service providers. Achieves max VPN speeds of 28 Mbps (OpenVPN) and 170 Mbps (WireGuard).
- **Network Storage:** Supports SAMBA and WebDav protocols for creating private network storage by connecting an external USB hard drive.
- **Portable Design:** Compact and lightweight (118 x 84 x 33 mm / 429g), ideal for use in hotels, cafes, airports, RVs, and during travel.



An image illustrating the VPN capabilities of the GL.iNet GL-A1300 router, showing maximum speeds for WireGuard (170 Mbps) and OpenVPN (28 Mbps) via Ethernet, along with logos for OpenVPN, WireGuard, Cloudflare, and IPv6.

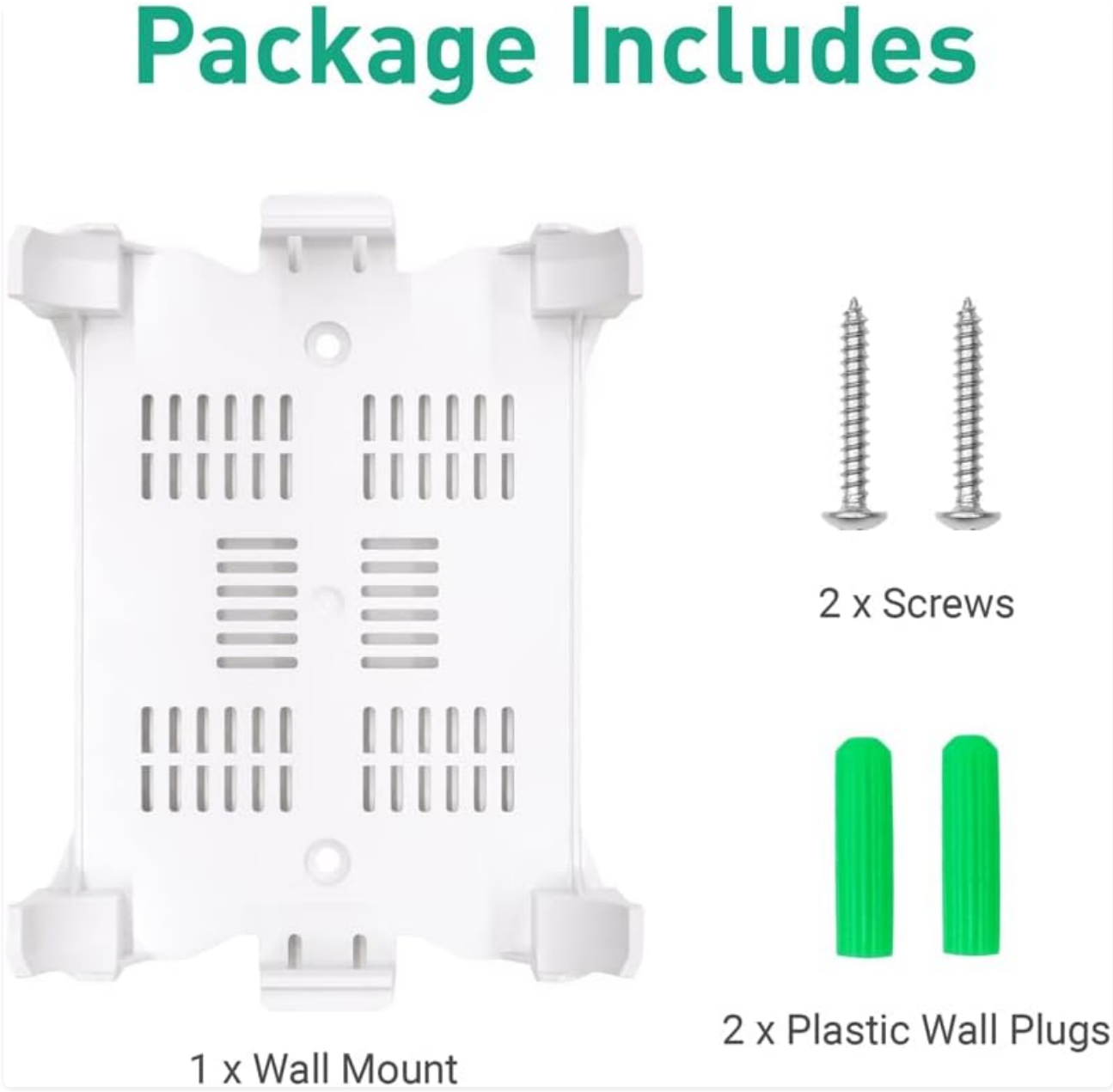


A person placing the compact GL.iNet GL-A1300 router into a pocket, demonstrating its portability for travel.

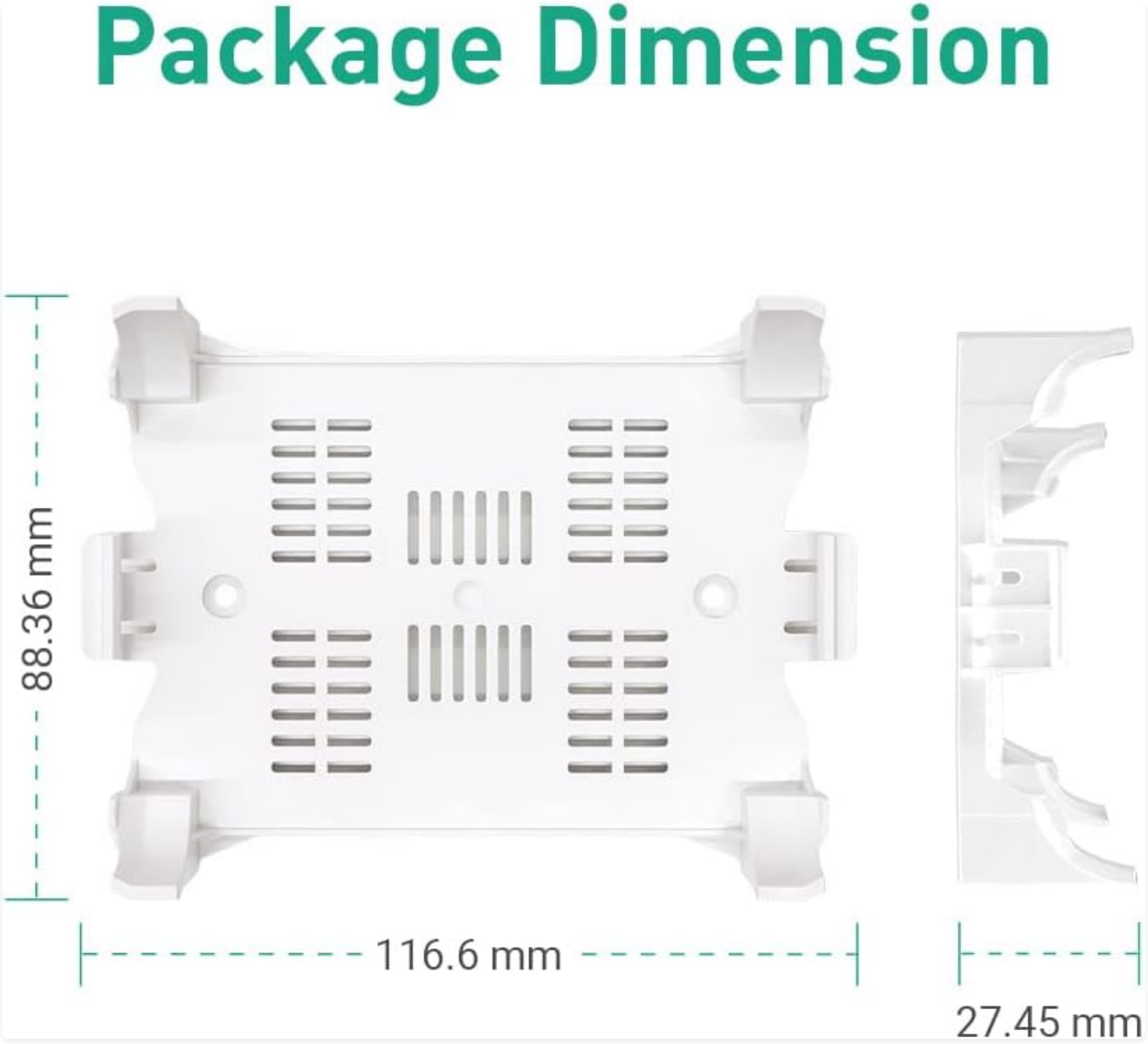
Package Contents

The GL-A1300 (Slate Plus) package includes the following items:

- GL-A1300 (Slate Plus) Router
- Power Adapter (US Plug)
- Ethernet Cable
- User Manual
- Router Holder Wall Mount
- 2 x Screws
- 2 x Plastic Wall Plugs



An image detailing the package contents, including one wall mount, two screws, and two plastic wall plugs, alongside the router itself.



A diagram showing the dimensions of the wall mount accessory: 116.6 mm length, 88.36 mm width, and 27.45 mm height.

Setup

Initial Router Setup

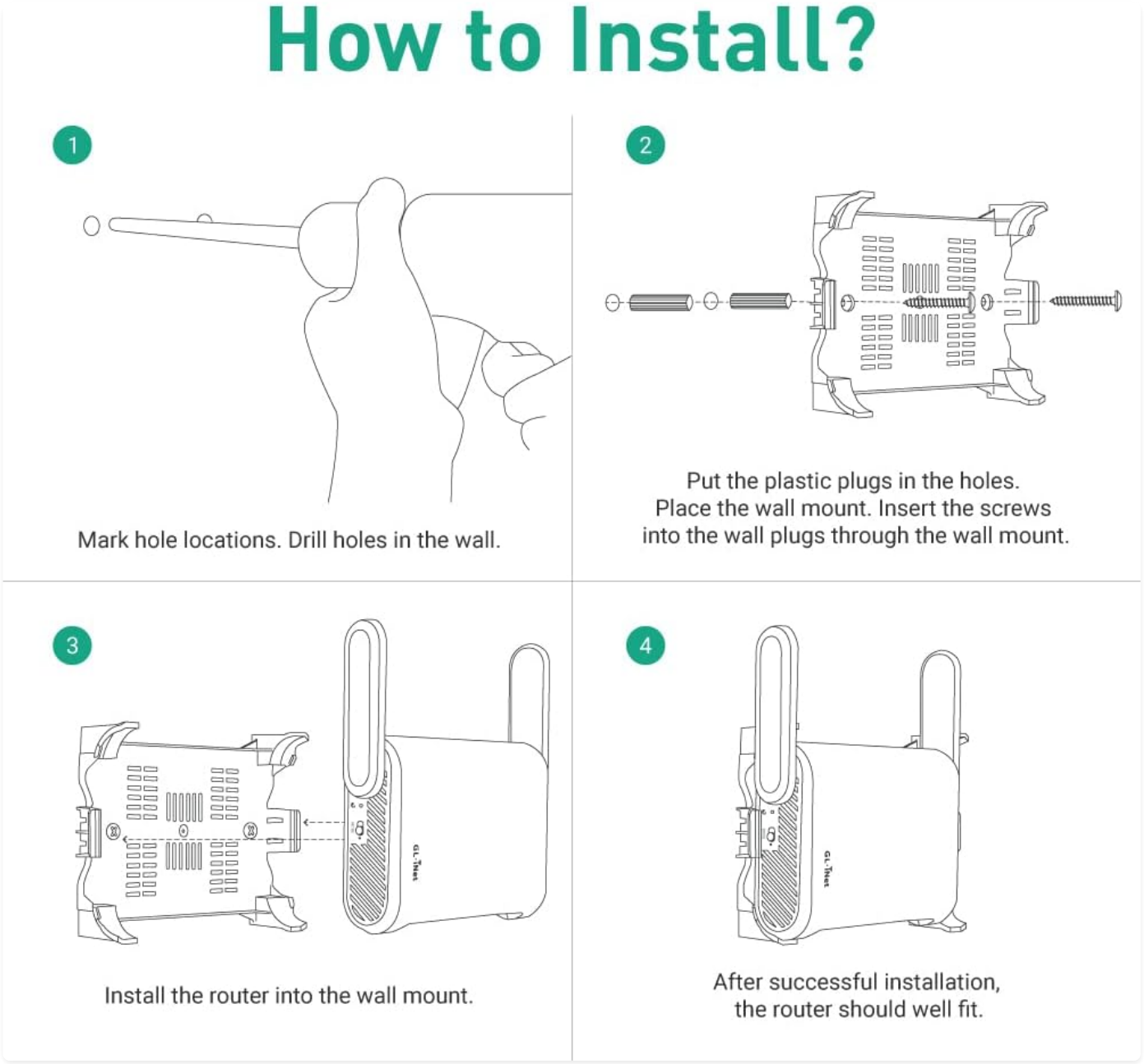
To begin using your GL-A1300 router, connect the power adapter to the router and plug it into an electrical outlet. Connect your computer or mobile device to the router's Wi-Fi network (SSID and password are typically found on a sticker on the router or in the quick start guide). Open a web browser and navigate to the router's default IP address (e.g., 192.168.8.1) to access the administration panel and complete the initial setup wizard.

Wall Mount Installation

Follow these steps to install the router holder wall mount:

1. **Mark Hole Locations:** Choose a suitable location on the wall. Place the wall mount against the wall and use a pencil to mark the positions for drilling holes.
2. **Drill Holes and Insert Plugs:** Drill holes at the marked locations. Insert the provided plastic wall plugs into the drilled holes.
3. **Secure Wall Mount:** Align the wall mount with the plastic plugs. Insert the screws through the wall mount and into the plastic wall plugs, tightening them until the mount is securely fastened to the wall.
4. **Install Router:** Carefully slide the GL-A1300 router into the installed wall mount until it clicks securely into place.

Ensure it is firmly seated.



A four-step visual guide on how to install the wall mount: 1. Mark and drill holes. 2. Insert plastic plugs and secure the wall mount with screws. 3. Install the router into the wall mount. 4. Verify secure fit.

Operating

Connecting to the Internet

The GL-A1300 can connect to the internet via Ethernet (WAN port), Wi-Fi (repeater mode), or USB tethering from a smartphone. Access the router's web interface to configure your preferred internet connection method.

Using VPN Client/Server

The router comes with OpenVPN and WireGuard pre-installed. To use the VPN client, navigate to the VPN section in the web interface, upload your VPN configuration files, and activate the connection. For VPN server functionality, configure the server settings within the interface to allow remote access to your network.

Network Storage (Samba/WebDav)

Connect a USB external hard drive to the router's USB 3.0 port. Through the web interface, enable Samba or WebDav services to create a network-attached storage (NAS) accessible by devices on your local network. This allows for easy file

sharing and media streaming.

Maintenance

- **Firmware Updates:** Regularly check for and install firmware updates via the router's web interface to ensure optimal performance, security, and access to new features.
- **Cleaning:** Keep the router clean and free from dust. Use a soft, dry cloth to wipe the exterior. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the router is placed in a well-ventilated area to prevent overheating. Do not block the ventilation holes.
- **Power Cycle:** If you experience connectivity issues, try power cycling the router by unplugging it from the power source for 10 seconds and then plugging it back in.

Troubleshooting

- **No Internet Connection:** Check all cable connections. Verify your internet source (modem, public Wi-Fi) is working. Restart both the modem and the router.
- **Slow VPN Speed:** Ensure your internet connection is stable. Try switching between OpenVPN and WireGuard, as WireGuard generally offers higher speeds. Verify your VPN server location and load.
- **Cannot Access Web Interface:** Ensure your device is connected to the router's Wi-Fi or via Ethernet. Try clearing your browser's cache or using a different browser. Verify the router's IP address.
- **Wi-Fi Disconnections:** Check for interference from other devices. Try changing the Wi-Fi channel in the router settings. Ensure the router's firmware is up to date.
- **USB Drive Not Recognized:** Ensure the USB drive is properly formatted (e.g., FAT32, NTFS, EXT4). Check if the drive requires external power. Restart the router.

Specifications

Feature	Detail
Model Name	GL-A1300
Brand	GL.iNet
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11ac
Connectivity Technology	Ethernet, USB, Wi-Fi
Antenna Type	Internal
Operating System	OpenWrt 21.02
Special Feature	WPS
Recommended Uses For Product	Home, Travel
Compatible Devices	Personal Computer

Compatibility

The included wall mount is designed to be compatible with several GL.iNet router models, ensuring a secure and convenient installation.



An image displaying the compatibility of the wall mount with various GL.iNet router models: Slate Plus (GL-A1300), Opal (GL-SFT1200), and Beryl (GL-MT1300).

The wall mount is compatible with the following GL.iNet router models:

- Slate Plus (GL-A1300)
- Opal (GL-SFT1200)
- Beryl (GL-MT1300)

Warranty and Support

The GL.iNet GL-A1300 (Slate Plus) router comes with a**1-year limited warranty**. For technical support, troubleshooting

assistance, or warranty claims, please refer to the official GL.iNet website or contact their customer support channels. Keep your purchase receipt as proof of purchase for warranty purposes.
For further assistance, visit the official GL.iNet website:www.gl-inet.com

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