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GL.iNet GDB008W3-050400ZX

GL.iNet GL-AXT1800 (Slate AX) User Manual

Portable Gigabit Travel Router

1. Introduction

The GL.iNet GL-AXT1800 (Slate AX) is a compact and powerful Wi-Fi 6 travel router designed for secure and high-speed internet connectivity on the go. It offers advanced features such as VPN client/server capabilities, AdGuard Home for ad-blocking, and Network Attached Storage (NAS) for convenient file sharing. This manual provides essential information for setting up, operating, and maintaining your device.

2. What's in the Box

- GL-AXT1800 (Slate AX) router
- Power Adapter (US Plug)
- Ethernet Cable
- User Manual

3. Getting Started: Setup

Follow these steps for the initial setup of your GL-AXT1800 router:

1. **Power Connection:** Connect the provided power adapter to the router's Type-C power port and plug it into a power outlet. The status light on the router will illuminate.
2. **Initial Access:** Connect your computer or mobile device to the router's Wi-Fi network (SSID usually printed on the router's label) or via an Ethernet cable to one of the LAN ports.
3. **Web Interface:** Open a web browser and navigate to the router's default IP address (e.g.,192.168.8.1). Follow the on-screen instructions to set up your administrator password and configure basic internet settings.
4. **Internet Connection:** Choose your preferred internet connection method (e.g., Ethernet from a modem, Wi-Fi repeater mode, or USB tethering).



Image: The GL.iNet GL-AXT1800 (Slate AX) router, showing its compact design and available ports including USB 3.0, LAN, and WAN.

4. Operating Your Router: Key Features

4.1. Wi-Fi 6 Performance

The Slate AX leverages Wi-Fi 6 (802.11ax) technology, offering a combined dual-band speed of 1800 Mbps (600 Mbps on 2.4GHz and 1200 Mbps on 5GHz). It supports MU-MIMO, OFDMA, and BSS color technologies to enhance performance and connect up to 120 devices simultaneously, reducing signal interference in crowded environments.



Image: The GL-AXT1800 router demonstrating its ability to connect numerous devices with Wi-Fi 6 technology.

4.2. Secure Browsing with VPN & AdGuard Home

For enhanced privacy and security, the router comes with OpenVPN and WireGuard pre-installed, compatible with over 30 VPN service providers. It supports OpenVPN speeds up to 120 Mbps and WireGuard speeds up to 550 Mbps. Cloudflare encryption and IPv6 support further protect your online activities. Additionally, AdGuard Home is supported to block ads and online trackers across all connected devices.

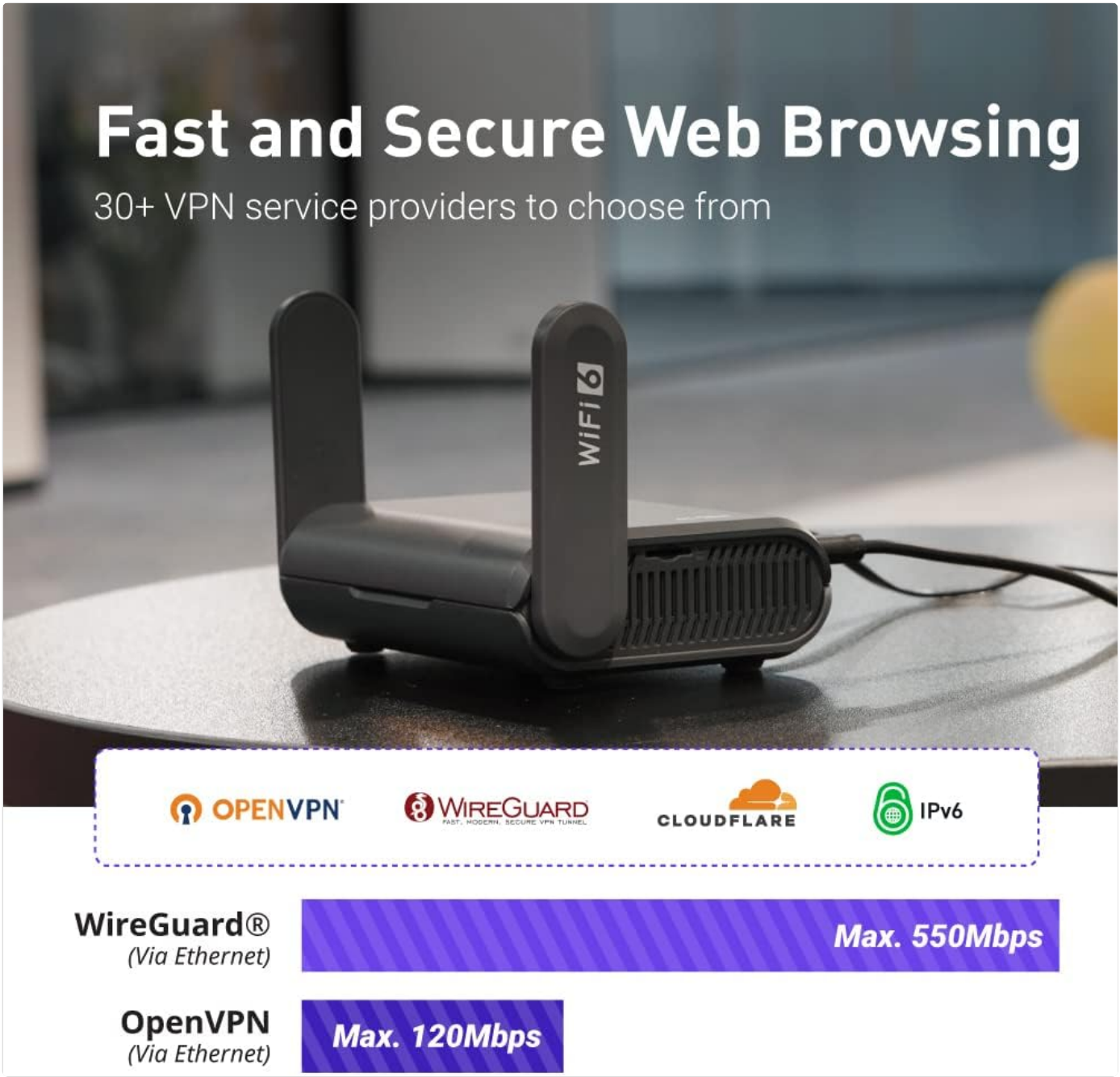


Image: Visual representation of the router's fast and secure web browsing capabilities with VPN and encryption.



Image: The AdGuard Home interface, illustrating its ability to block ads and tracking across your network.

4.3. Easy File Sharing (NAS)

The router's NAS feature supports SAMBA and WebDav protocols. By connecting an external USB hard drive or TF card to the router's USB 3.0 port, you can create a private network for storing and sharing documents, media, and other files with connected devices.



Image: The router demonstrating its high-speed local file sharing capabilities via USB and TF card slots.

4.4. Repeater Mode for Public Wi-Fi

The Slate AX can convert a public network (wired or wireless) into a private, secure network for your devices. This is particularly useful in hotels or public spaces with captive portals. Remember that most free public Wi-Fi hotspots have time limits, requiring you to reconnect your router after the time expires.

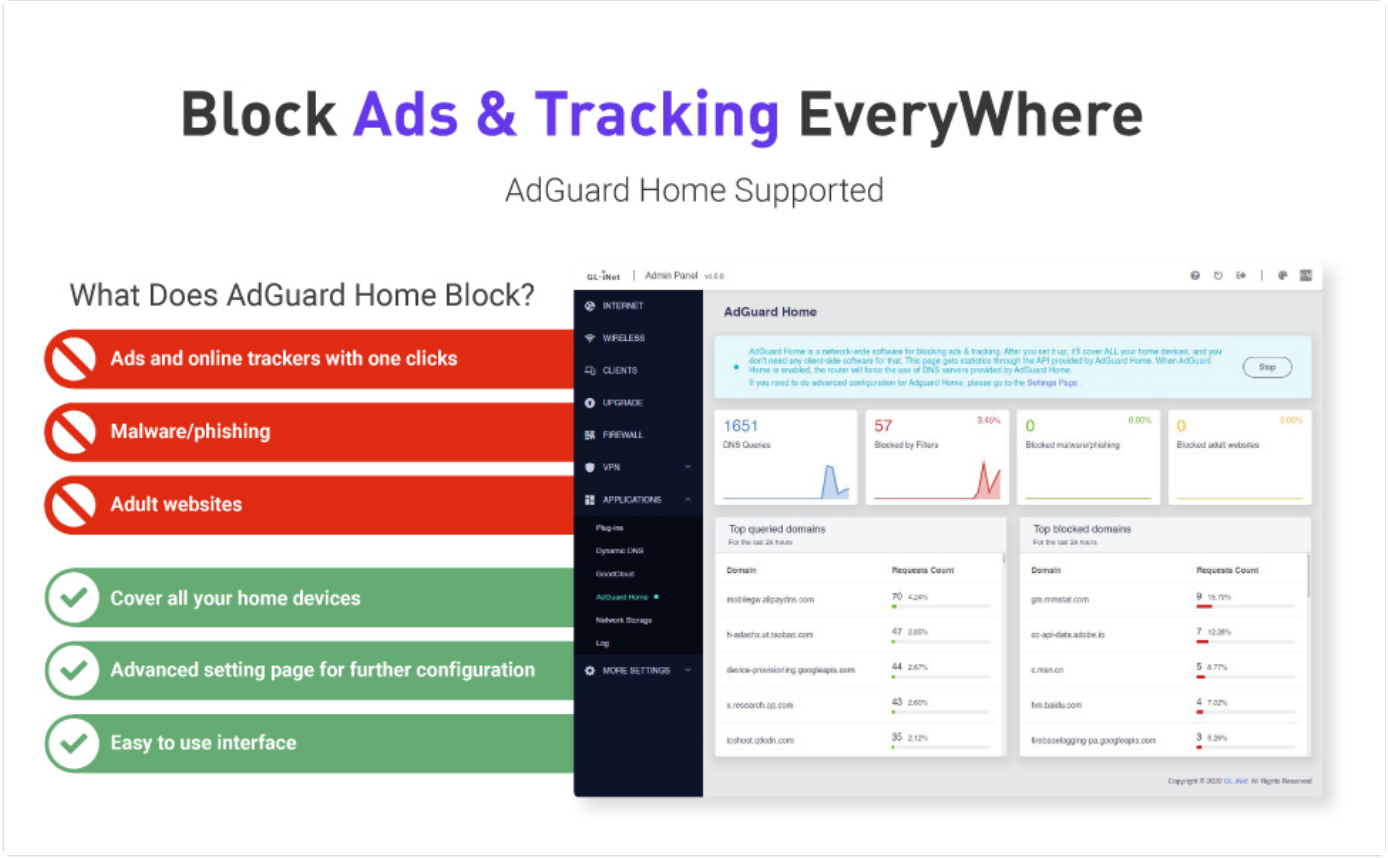


Image: Illustration of the router providing a pocket-sized private Wi-Fi network, securing data when connected to public Wi-Fi.

4.5. Physical Toggle Switch

The router features a physical toggle switch that can be programmed to immediately enable or disable selected features, such as AdGuard Home, OpenVPN Client, or WireGuard Client. *Note: The default setting of the button is NO Function; you need to configure its function in the admin panel before use.*

5. Specifications

Feature	Detail
Product Dimensions	4.92 x 3.23 x 1.42 inches
Item Weight	8.6 ounces
Model Name	Slate AX
Wireless Communication Standard	802.11ax (Wi-Fi 6)
Frequency Band Class	Dual-Band (2.4GHz & 5GHz)
Connectivity Technology	Ethernet, Type-C
Operating System	OpenWrt 21.02 (Kernel 4.4.60)

6. Maintenance

To ensure optimal performance and security of your GL-AXT1800 router, regular maintenance is recommended:

- **Firmware Updates:** Periodically check for and install the latest firmware updates through the router's web interface.

Updates often include security patches and performance improvements.

- **Factory Reset:** In case of persistent issues or forgotten passwords, a factory reset can resolve many problems. Locate the reset button on the router (often a small pinhole) and press it for 5-10 seconds while the router is powered on. *Note: This will erase all custom configurations.*
- **Physical Care:** Keep the router in a well-ventilated area to prevent overheating. Avoid exposing it to extreme temperatures or moisture.

7. Troubleshooting

Here are solutions to common issues you might encounter:

- **Router Not Connecting to Public Wi-Fi with Captive Portal:** Ensure you have completed the login process on the public Wi-Fi's captive portal through the router's interface. Some public Wi-Fi networks have time limits; if disconnected, reconnect your router to the Wi-Fi.
- **VPN Not Working After Firmware Update:** If your VPN functionality is disrupted after a firmware update, try performing a hard reset of the router and reconfiguring your VPN settings from scratch. This often resolves configuration conflicts.
- **VPN Service Replacement:** The router itself does not replace a VPN service provider. You still need an active subscription with a VPN service provider to utilize the VPN client features. The router facilitates secure connection through your chosen provider.
- **Physical Toggle Switch Not Functioning:** The physical toggle switch requires configuration in the router's admin panel to assign a specific function (e.g., enabling/disabling VPN or AdGuard Home). Ensure it has been properly set up.

8. Warranty and Support

Your GL-AXT1800 (Slate AX) router comes with a **2-year warranty**. For detailed support, additional documentation, and FAQs, please refer to the official GL.iNet documentation available online. You can often find comprehensive guides and community forums for OpenWrt-based devices.
For further assistance, consult the User Manual (PDF) or visit the GL.iNet Store on Amazon.

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