GL.iNet GL-BE3600, GL-AXT1800

GL.iNet Portable Travel Routers User Manual

Models: GL-BE3600 (Slate 7) & GL-AXT1800 (Slate AX)

1. Introduction

This manual provides comprehensive instructions for setting up, operating, and maintaining your GL.iNet GL-BE3600 (Slate 7) and GL-AXT1800 (Slate AX) portable travel routers. These devices are designed to provide secure and reliable network connectivity on the go, offering advanced features for both personal and professional use.



Figure 1.1: GL.iNet GL-BE3600 (top) and GL-AXT1800 (bottom) portable travel routers. The GL-BE3600 features a touchscreen and dual 2.5G Ethernet ports, while the GL-AXT1800 has multiple Gigabit Ethernet ports.

2. Product Features

- **GL-BE3600 (Slate 7):** Dual-band Wi-Fi 7 with wireless speeds up to 688Mbps (2.4G) + 2882Mbps (5G). Features dual 2.5G Ethernet Ports (1x WAN, 1x LAN) and a USB 3.0 port.
- **GL-AXT1800 (Slate AX):** Wi-Fi 6 with dual-band combined Wi-Fi speed of 1800 Mbps (600 Mbps for 2.4GHz and 1200 Mbps for 5GHz). Supports MU-MIMO, OFDMA, and BSS color, connecting up to 120 devices simultaneously.
- **Network Control with Touchscreen (GL-BE3600):** Scan QR codes for Wi-Fi, monitor speed, toggle VPN, and switch providers directly on the display. Color-coded indicators for network status.
- **Fast and Secure Browsing:** IPv6 supported. OpenVPN & WireGuard pre-installed, compatible with over 30 VPN service providers. OpenVPN speeds up to 120 Mbps; WireGuard speeds up to 550 Mbps. Cloudflare encryption for privacy protection.
- **VPN/AdGuard Toggle:** Immediately enable/disable AdGuard Home, OpenVPN Client, or WireGuard Client via a screen-touch toggle switch (requires initial setup).

3. Setup Guide

3.1. Package Contents

Verify that all items are present in your package: GL.iNet travel router (GL-BE3600 or GL-AXT1800), USB-C power cable, and Ethernet cable.

3.2. Connecting the Router

1. **Power Connection:** Connect the provided USB-C power cable to the router's power port and plug the other end into a compatible USB power adapter (not always included) or a USB port on a computer. The router will power on automatically.
2. **Internet Connection (WAN):**
    - **Ethernet (Recommended):** Connect an Ethernet cable from your modem or existing router's LAN port to the WAN port on your GL.iNet router.
    - **Wi-Fi Repeater Mode:** If connecting wirelessly, the router will scan for available Wi-Fi networks during initial setup.
    - **Tethering:** Connect your smartphone via USB to the router's USB port for internet access.
3. **Local Network Connection (LAN):** Connect your devices (laptop, PC, etc.) to the router via Wi-Fi or by using an Ethernet cable from the router's LAN port to your device's Ethernet port.



Figure 3.1: GL-BE3600 (Slate 7) rear ports, including PD Power, LAN, WAN (both 2.5G), and USB 3.0.



Figure 3.2: GL-AXT1800 (Slate AX) rear ports, including Power, USB 3.0, LAN1, LAN2, and WAN.

3.3. Initial Access and Configuration

1. **Connect to Router's Wi-Fi:** On your device, find the Wi-Fi network name (SSID) printed on the bottom of your router (e.g., GL-BE3600-XXX or GL-AXT1800-XXX) and connect to it using the default password.
2. **Access Admin Panel:** Open a web browser and navigate tohttp://192.168.8.1.
3. **Setup Wizard:** Follow the on-screen setup wizard to configure your router, including setting a new admin password, choosing your operating mode (router, access point, repeater), and configuring internet access.

4. Operating Instructions

4.1. Wi-Fi Connectivity

Once configured, your router will broadcast its Wi-Fi network. Connect your devices to this network using the password you set during setup. Both routers support dual-band operation (2.4GHz and 5GHz).

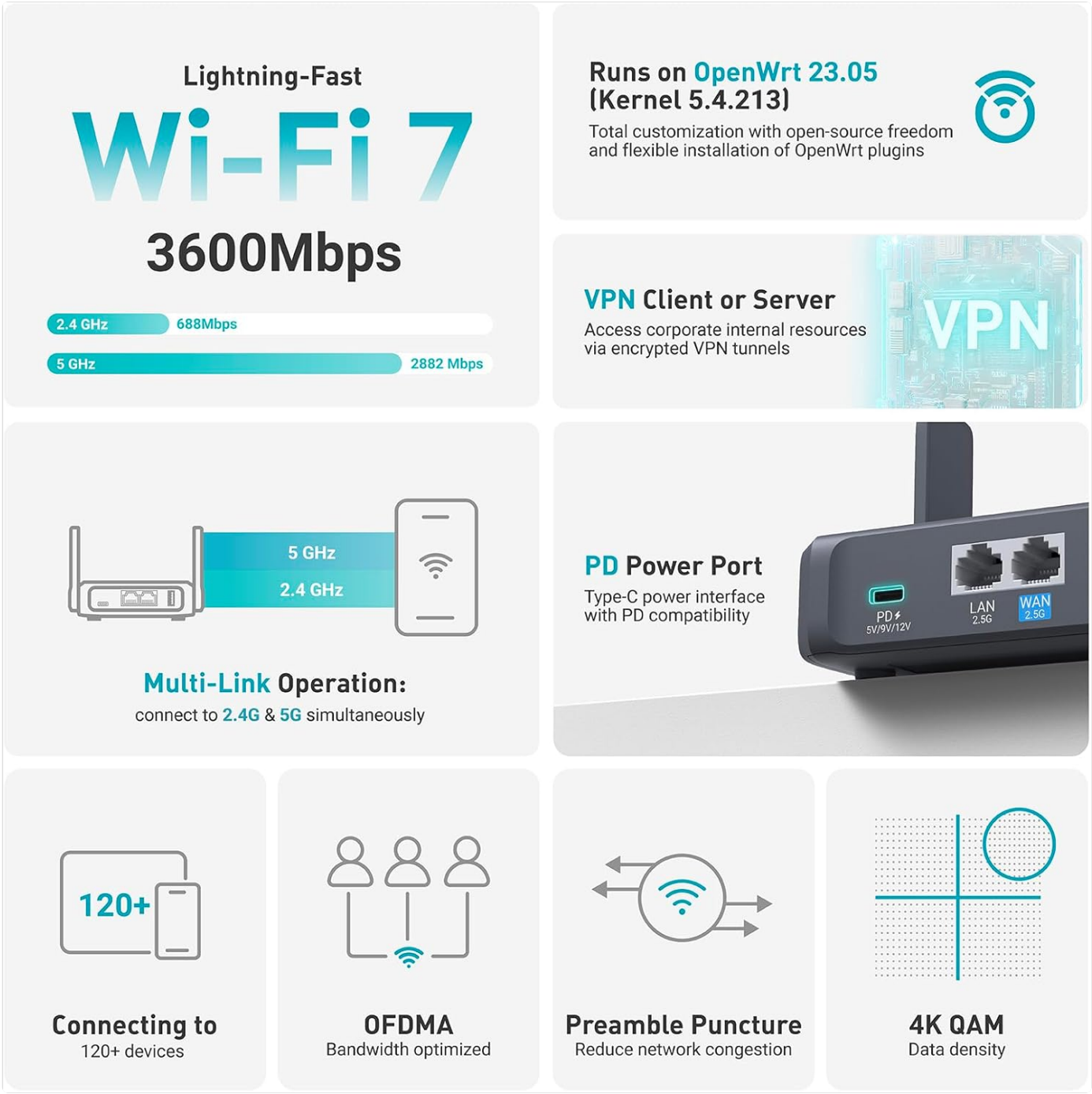


Figure 4.1: GL-BE3600 (Slate 7) Wi-Fi 7 capabilities, highlighting 2.4 GHz (688Mbps) and 5 GHz (2882Mbps) speeds and Multi-Link Operation.



Figure 4.2: GL-AXT1800 (Slate AX) Wi-Fi 6 capabilities, showing 2.4GHz (600Mbps) and 5GHz (1200Mbps) and support for up to 120 connected devices.

4.2. VPN and Security Features

Both routers come with OpenVPN and WireGuard pre-installed. You can configure these VPN clients via the web admin panel to encrypt your internet traffic and bypass geo-restrictions.

- **VPN Client Setup:** Access the VPN section in the web admin panel to import your VPN configuration files or set up a new VPN connection.
- **AdGuard Home:** Enable AdGuard Home for network-wide ad blocking and enhanced privacy.

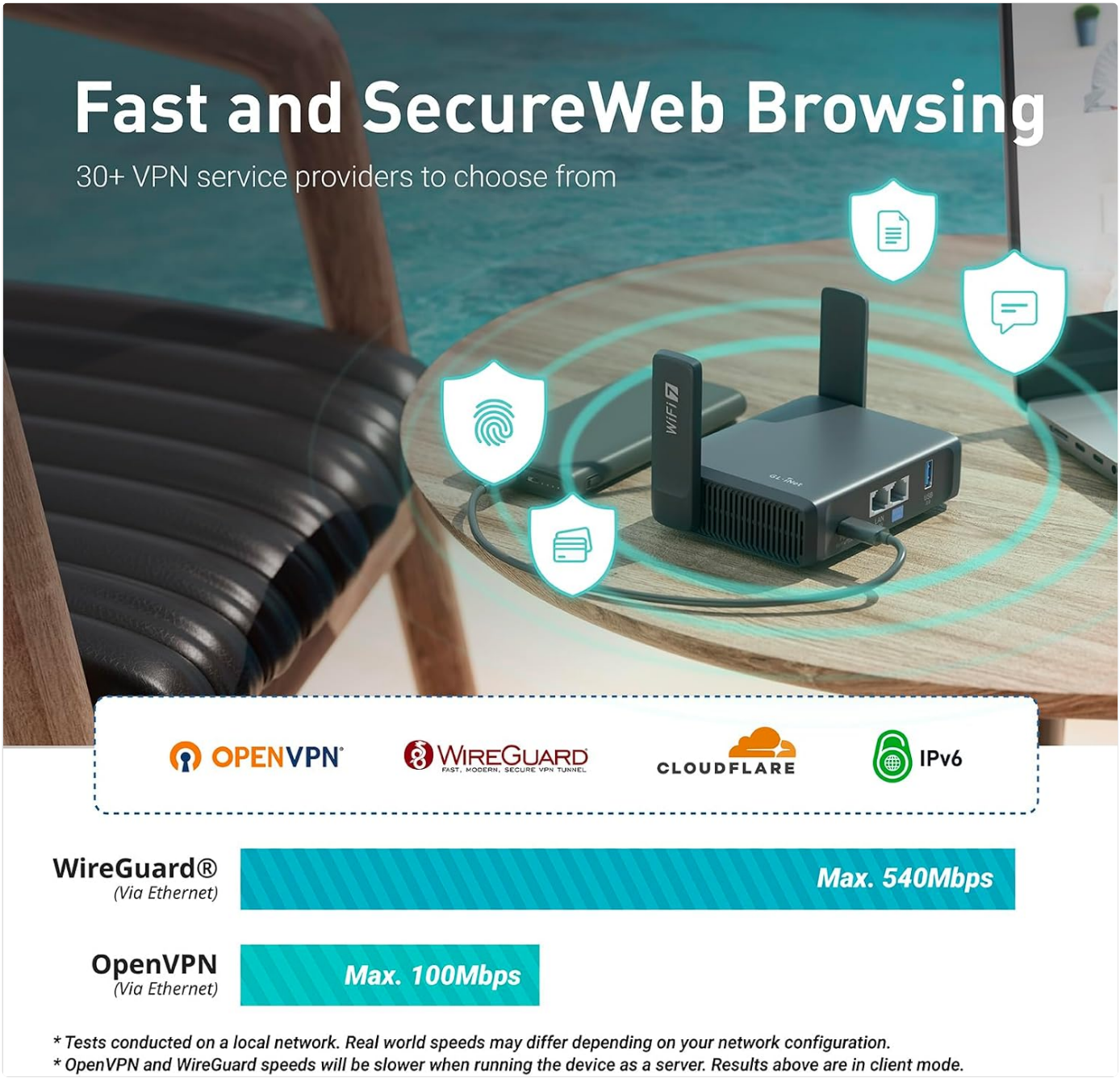


Figure 4.3: GL-BE3600 (Slate 7) supports various security features including OpenVPN, WireGuard, Cloudflare, and IPv6 for fast and secure web browsing.

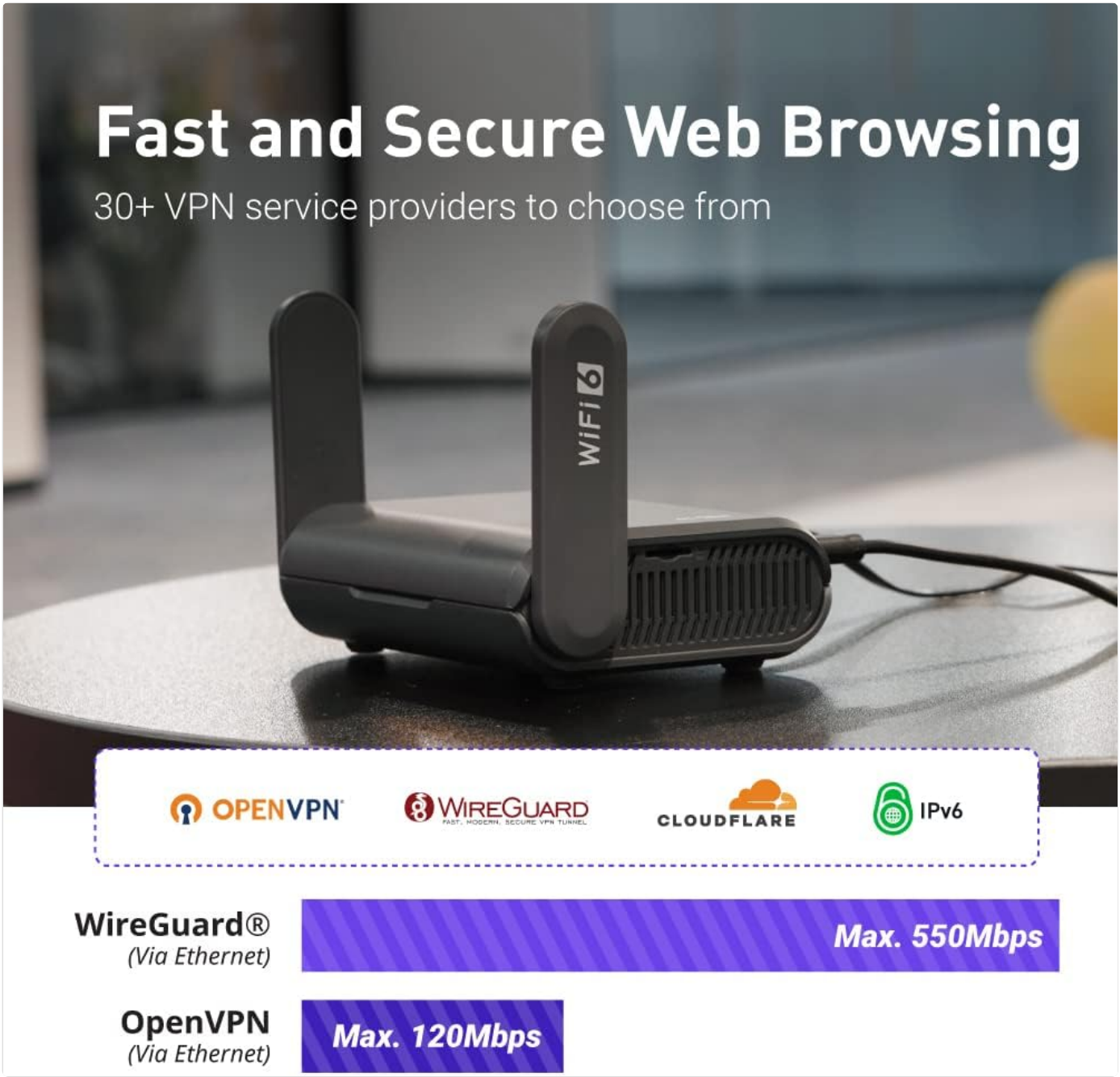


Figure 4.4: GL-AXT1800 (Slate AX) also offers robust security with OpenVPN, WireGuard, Cloudflare, and IPv6 support.

4.3. GL-BE3600 Touchscreen Interface

The GL-BE3600 (Slate 7) features a convenient touchscreen for quick control and monitoring:

- **Wi-Fi QR Code:** Scan the QR code displayed on the screen for quick Wi-Fi connection. The QR code shown in the image contains the Wi-Fi configuration: Network Type: WPA, SSID: ABCDEFGHIJKLMNOPQRSTUVWXYZ0123, Password: ABCDEFGHIJKLMNOPQRSTUVWXYZ0123ABCDEFGHIJKLMNOPQRSTUVWXYZ0123, Hidden: True.
- **Real-time Speed Monitoring:** View current upload and download speeds.
- **VPN Toggle:** Easily turn your configured VPN client on or off.
- **Provider Switching:** Switch between different internet connection modes (Ethernet, Tethering, Repeater, Cellular).
- **Status Indicators:** Color-coded icons provide instant status updates for various connection types.



Figure 4.5: The GL-BE3600 (Slate 7) touchscreen allows for intuitive control, including Wi-Fi QR code display, speed monitoring, and VPN toggling.

5. Maintenance

- **Firmware Updates:** Regularly check for and install firmware updates via the web admin panel to ensure optimal performance, security, and access to new features.
- **Cleaning:** Use a soft, dry cloth to clean the router's exterior. Avoid liquid cleaners or abrasive materials.
- **Proper Ventilation:** Ensure the router is placed in a well-ventilated area to prevent overheating. Do not cover ventilation holes.
- **Storage:** When not in use for extended periods, store the router in a cool, dry place away from direct sunlight.

6. Troubleshooting

- **No Internet Connection:**
  - Check all cable connections (power, Ethernet WAN).

- Reboot your modem/main router, then reboot your GL.iNet router.
- Verify your internet source is active and working independently.
- Check WAN settings in the router's web admin panel.

- **Slow Wi-Fi Speed:**
  - Ensure your devices are connected to the appropriate Wi-Fi band (5GHz for faster speeds, 2.4GHz for better range).
  - Reduce interference by moving the router away from other electronic devices.
  - Check for firmware updates.
- **Cannot Access Admin Panel:**
  - 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 you are typing the correct IP address:http://192.168.8.1.
- **Router Not Responding (Hard Reset):** If the router becomes unresponsive, press and hold the reset button (usually a small pinhole) for 5-10 seconds until the indicator lights flash. This will restore factory default settings. *Note: This will erase all your configurations.*

7. Specifications

Feature	Description
Model Name	GL-BE3600, GL-AXT1800
Brand	GL.iNet
Frequency Band Class	Dual-Band
Wireless Communication Standard	802.11ax (Wi-Fi 6), 802.11ac (Wi-Fi 5), 802.11be (Wi-Fi 7 for GL-BE3600)
Connectivity Technology	Wi-Fi, USB, Ethernet
Number of Ports	3 (GL-BE3600: 2x 2.5G Ethernet, 1x USB 3.0; GL-AXT1800: 3x Gigabit Ethernet, 1x USB 3.0)
Operating System	Linux (OpenWrt based)
Special Features	VPN Support, IPv6 Support, Secure Browsing, Cloudflare Encryption
Compatible Devices	Laptop, Personal Computer, Tablet, Smartphone

8. Warranty and Support

GL.iNet products typically come with a limited manufacturer's warranty. Please refer to the warranty card included with your product or visit the official GL.iNet website for detailed warranty terms and conditions.

For technical support, firmware downloads, and frequently asked questions, please visit the GL.iNet official support page or contact their customer service directly. Keep your product's model name and serial number handy when seeking support.

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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.

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