

# Let's get started.

Need help? Scan the QR code for video tutorials and user guide.

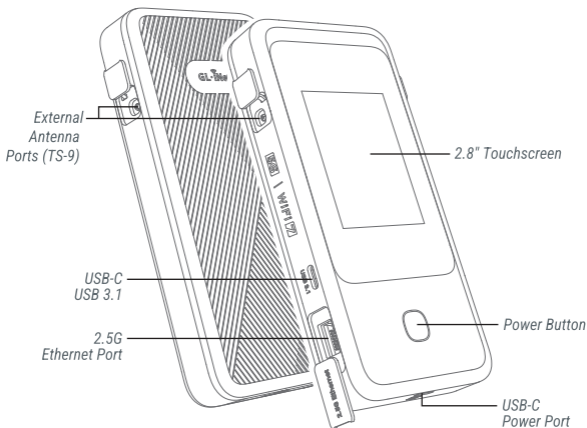


*[link.gl-inet.com/e5800-userguide-support](https://link.gl-inet.com/e5800-userguide-support)*

**GL·iNet**

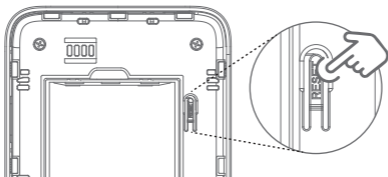
**GL-E5800NA & GL-E5800EU / Mudi 7  
5G NR Tri-band Wi-Fi 7 Portable Router**

# OVERVIEW



## Repair / Reset

- To repair your network
  - Press and hold the Reset button until the touchscreen shows "Release to Repair Mode", then release.
- To reset your router to factory settings
  - Press and hold the Reset button until the touchscreen shows "Release to Reset Mode". then release.  
(Note: This clears all your existing settings.)



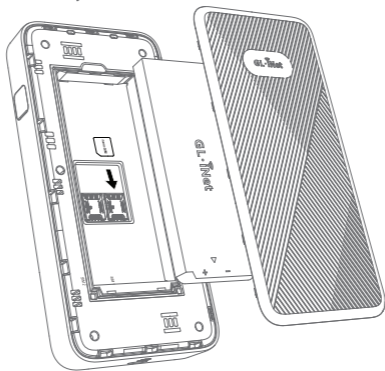
# SETTING UP

## Set Up Your Router Using the Screen

1

### Install Nano-SIM Card

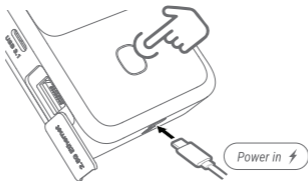
1. Remove battery cover.
2. Remove battery.
3. Insert the Nano-SIM card(s). If using only one card, prioritize SIM 1.
4. Install battery.
5. Install battery cover.



2

### Power On

1. Press and hold the Power Button for 3 seconds or plug in a power adapter.



3

## Initialize

Follow the step-by-step instructions on the touchscreen to configure your basic settings.

4

## Connect Your Device to Router

### • Via Wi-Fi

#### A. Use QR Code

Scan the QR code on the screen of the router.

Then tap 'Join' in the pop-up window to connect.

#### B. Manual Login

Connect your device to the Wi-Fi SSID **GL-E5800-xxx** with the password shown on the screen of the router.

### • Via Ethernet / USB

Connect your computer to the router by plugging an Ethernet cable into the LAN port or plugging a USB cable into the USB 3.1 port.

## How to Set Up VPN Client on the GL.iNet Router?

Set up the VPN feature to protect your personal data and privacy on all your connected devices, including laptops, phones and tablets, gaming consoles, TVs and streaming devices.

OpenVPN: [https://www.youtube.com/watch?v=04sW3l6\\_rDM](https://www.youtube.com/watch?v=04sW3l6_rDM)

WireGuard: <https://www.youtube.com/watch?v=VIRcjB9k62A>



← (OpenVPN)



(WireGuard) →

## How to Set Up Repeater Mode on the GL.iNet Router?



Set up the router to work in repeater mode to connect to another existing wireless network, e.g., when you are using free Wi-Fi in a hotel or cafe. It will create its own subnet and act as a firewall to protect you from the public network.

<https://www.youtube.com/watch?v=KmrCjAx9lq4>

# SUPPORT



For the first-time setup guide, tutorial video, and FAQs, please scan the QR code above or visit [link.gl-inet.com/e5800-userguide-support](https://link.gl-inet.com/e5800-userguide-support)

## Technical Support

- For further questions, contact us via these methods:
  - Email: [support@gl-inet.com](mailto:support@gl-inet.com)
  - Discord: [link.gl-inet.com/website-discord-support](https://link.gl-inet.com/website-discord-support)
  - Reddit: [link.gl-inet.com/website-reddit-support](https://link.gl-inet.com/website-reddit-support)
  - Forum: [forum.gl-inet.com](https://forum.gl-inet.com)

# TROUBLESHOOTING

If you encounter any issues with your router, this troubleshooting guide will help you resolve common problems.

## Unable to Access the Router Admin Panel

- Make sure you are connected to the router's Wi-Fi network.
- If you are connecting via Ethernet, ensure that the network port is set to LAN mode.
- Verify that you enter ***http://192.168.8.1*** correctly in the web address bar.
- Try using a different web browser or clear the browser cache and try again.
- Try turning the router off and then on again.
- If the issue persists, press and hold the Reset button for 10 seconds to restore factory default settings.

## No Internet Access After Setting Up the Router

- Log in to the router admin panel, and go to the Internet page to check if the router has obtained an IP address.
- Check if your SIM card requires special APN settings.
- If using a wired connection, ensure that the Ethernet port is configured as the WAN port and the Ethernet cable is properly plugged in.
- If you use modem, turn your modem off and then on. Connect a computer directly to your modem via an Ethernet cable to check if you can access the Internet.
- Go to Network > Ethernet Ports and set the MAC Mode to Clone with your current client. Then reboot.

## Unable to Connect the Router to the GL.iNet App

- Make sure your GL.iNet App is updated to the latest version.
- Confirm that your phone is connected to the router's Wi-Fi network.
- Make sure the router is fully powered on and has completed its startup, then try scanning again in the App.

## Forgot the Admin Panel Password

- With the router powered on, press and hold the reset button for 10 seconds, release the button when the screen shows "Release To Reset Mode", then wait for the router to restart.  
(Note: Resetting will clear all existing settings.)
- After the restart is complete, use the touchscreen to set a new admin password.

## Forgot the Wi-Fi Network Password

- Via Touchscreen
  - Navigate through the on-screen menu to view or update your Wi-Fi credentials instantly.
- Via Ethernet / USB
  - Connect your computer to the router via an Ethernet or USB cable, then log in to view or modify your Wi-Fi password in the Admin Panel.

# WARRANTY

- We provide a **two-year limited warranty** for routers and a **3-month limited warranty** for accessories.
  - Additional warranty periods may apply based on the local laws of the country where the purchase was made.
  - Any damage to the router caused by failure to follow the provided instructions will void the warranty.
  - Any damage resulting from unauthorized modifications to the PCBA, internal components, or the casing will void the warranty.
  - Issues arising from the use of third-party firmware may not be eligible for official technical support.
  - Damage caused by inappropriate use—such as incorrect voltage input, exposure to high temperatures, or physical damage (e.g., liquid damage or dropping the device)—will void the warranty.
  - Pictures in these instructions are only for reference. We reserve the right to change or modify these materials without further notice.
- 

## **Please follow the below guidelines for daily use:**

- The charging and discharging of batteries must be carried out in accordance with the standards specified in the specification to ensure safe use.
- Disposal of the device with battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.
- Please don't charge the battery if the environment exceeds the device operation temperature. Leaving the device in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas.
- A battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.
- If the device with the battery is stored for more than 3 months, the battery needs to be charged to ensure the battery life.
- If the device is accidentally dropped on the ground, causing problems such as damage to the casing, it may also cause damage to the battery, please contact the device seller for repair or replacement in time.
- If there is a serious swollen battery package, please do not continue to use.

## FCC ID: 2AFIW-E5800

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
  - (1) This device may not cause harmful interference, and
  - (2) This device must accept any interference received, including interference that may cause undesired operation.
2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
3. Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help important announcement.

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment has been SAR-evaluated for use in hand. SAR measurements are based on a 5mm spacing from the body and that compliance is achieved at that distance.

#### for 6ID :

- FCC regulations restrict the operation of this device to indoor use only.
- The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet in the 5.925-6.425 GHz band.
- Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

#### for VLP :

- The operation of this device is prohibited on oil platforms and aircraft, except that operation of this device in 5.925-6.425 GHz is permitted in large aircraft while flying above 10,000 feet.
- Installation on outdoor fixed infrastructure is prohibited.
- Controlling or communications with unmanned aircraft systems, including drones, is prohibited.

We, GL iNet., has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

## Canadian Compliance Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

(1) L'appareil ne doit pas produire de brouillage;

(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

Cet équipement est conforme aux limites d'exposition aux radiations IC CNR-102 établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.

### Caution:

1) The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems; DFS (Dynamic Frequency Selection) products that operate in the bands 5250- 5350 MHz, 5470-5600MHz, and 5650-5725MHz.

### Avertissement:

Le dispositif fonctionnant dans la bande 5150-5250 MHz est réservé uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux;

Les produits utilisant la technique d'atténuation DFS (sélection dynamique des fréquences) sur les bandes 5250- 5350 MHz, 5470-5600MHz et 5650-5725MHz.

Devices shall not be used for control of or communications with unmanned aircraft systems.

Les appareils ne doivent pas être utilisés pour le contrôle ou la communication avec des systèmes d'aéronefs sans pilote.

for low-power indoor access points:

Devices shall not be used for control of or communications with unmanned aircraft systems.

Operation shall be limited to indoor use only.

Operation on oil platforms, automobiles, trains, maritime vessels and aircraft shall be prohibited except for on large aircraft flying above 3,048 m (10,000 ft).

Les appareils ne doivent pas être utilisés pour le contrôle ou la communication avec des systèmes d'aéronefs sans pilote.

Le fonctionnement doit être limité à une utilisation en intérieur uniquement.

L'opération sur les plates-formes pétrolières, les automobiles, les trains, les navires maritimes et les avions est interdite, sauf sur les gros avions volant au-dessus de 3 048 m (10 000 ft).

for very low-power devices:

Devices shall not be used on automobiles.

Devices shall not be used on trains.

Devices shall not be used on maritime vessels.

Operation shall be limited to indoor use only

Pour les appareils très basse puissance

Les appareils ne doivent pas être utilisés à bord de véhicules automobiles.

Les appareils ne doivent pas être utilisés à bord de trains.

Les appareils ne doivent pas être utilisés à bord de navires maritimes.

L'utilisation doit être limitée à l'usage en intérieur uniquement.

#### Radiation Exposure Statement:

This EUT is compliance with SAR for general population/uncontrolled exposure limits in RSS-102 and had been tested in accordance with the measurement methods and procedures specified in IEEE 1528 and IEC 62209. This equipment should be installed and operated with minimum distance 1.0 cm between the radiator and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

#### Déclaration d'exposition aux radiations:

Cet adaptateur est conforme au SAR pour la population générale/limites d'exposition non contrôlées dans RSS-102 et a été testé conformément aux méthodes et procédures de mesure spécifiées dans IEEE 1528 et CEI 62209. Cet équipement doit être installé et utilisé avec une distance minimale de 5 mm entre le radiateur et votre corps. Cet appareil et ses antennes ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur.

	AT	BE	BG	HR	CY	CZ	DK	EE	FI	FR	DE	EL	HU	IS	IE	IT
	LV	LI	LT	LU	MT	NO	PL	PT	RO	SK	SI	ES	SE	CH	NL	UK(NI)

Hereby, GL TECHNOLOGIES (HONG KONG) LIMITED declares that the radio equipment type [5G NR Tri-band Wi-Fi 7 Portable Router, GL-E5800EU] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://www.gl-inet.com/products/certificate>

Frequency bands: 2.4G Wi-Fi: 2400-2483.5MHz; 5G Wi-Fi: 5150-5250MHz, 5250-5350MHz, 5470-5725MHz, 5725-5895MHz; 6G Wi-Fi: 5925-7125MHz

Maximum output power: 2.4G 19.27dBm(EIRP), 5G 22.44dBm(EIRP), 6G Wi-Fi 22.49dBm-LPI(EIRP), 13.49dBm-VLP(EIRP)

#### Hong Kong Office

GL Technologies (Hong Kong) Limited  
Unit 601, Building 5W, Hong Kong Science Park,  
Shatin, N.T., Hong Kong

#### Shenzhen Office

Shenzhen Guanglianzhitong Tech Co., Ltd.  
Room 305 - 306, Skyworth Digital Building, Shiyuan Street,  
Baoan District, Shenzhen, China, 518000  
(+86-0755-86606126)

