Huawei B530-936

Huawei B530 3 LTE CPE Router User Manual

Model: B530-936
Brand: Huawei

1. Introduction

This user manual provides comprehensive instructions for the setup, operation, and maintenance of your Huawei B530 3 LTE CPE Router. Please read this manual carefully before using the device to ensure proper and safe operation. The Huawei B530 3 is designed to provide high-speed internet access via LTE, suitable for home and small office environments.

2. Safety Information

- Keep the device away from water and moisture.
- Do not expose the device to extreme temperatures or direct sunlight.
- Use only the original power adapter provided with the device.
- Do not open or attempt to repair the device yourself. Contact authorized service personnel for assistance.
- Ensure proper ventilation around the device to prevent overheating.

3. Package Contents

Please check the package contents upon unboxing. If any item is missing or damaged, contact your retailer.

- Huawei B530 3 LTE CPE Router
- Power Adapter
- Quick Start Guide (not included in this digital manual)
- Ethernet Cable (may vary by region)

4. Product Overview

Familiarize yourself with the various components and indicators of your Huawei B530 3 LTE CPE Router.



Figure 4.1: Front View of the Router

This image shows the front panel of the Huawei B530 3 LTE CPE Router, featuring the indicator lights for power, network status, Wi-Fi, and signal strength. The clean white design is visible.



Figure 4.2: Angled View of the Router

This image provides an angled view of the Huawei B530 3 LTE CPE Router, highlighting its compact design and the placement of ports on the rear or side, though specific ports are not clearly visible in this perspective. It gives a better sense of the device's depth.

Indicator Lights:

- **Power Indicator:** Solid green when powered on.
- **Network Status Indicator:** Indicates connection to the mobile network (e.g., green for 4G, blue for 3G, red for no service).
- **Wi-Fi Indicator:** Solid green when Wi-Fi is active.
- **Signal Strength Indicators:** Multiple bars indicating the strength of the mobile network signal.

Ports and Buttons:

- **SIM Card Slot:** For inserting your 4G LTE SIM card.
- **Power Port:** Connects to the power adapter.
- **LAN/WAN Ports:** Ethernet ports for wired connections.
- **Reset Button:** Used to restore factory settings (usually a pinhole button).

5. Setup

1. **Insert SIM Card:**

   Locate the SIM card slot, usually on the side or bottom of the router. Insert your standard 4G LTE SIM card into the slot with the gold contacts facing down and the notched corner oriented correctly. Ensure it clicks into place.

2. **Connect Power:**

Connect the provided power adapter to the router's power port and then plug it into a power outlet. The Power indicator light should turn on.

3. **Power On:**

   The router should automatically power on once connected to power. Wait for the Network Status indicator to turn green, indicating a successful connection to the mobile network.

4. **Connect Devices:**

   You can connect devices via Wi-Fi or Ethernet cable:

   - **Wi-Fi:** Find the Wi-Fi network name (SSID) and password printed on a label on the bottom or back of the router. Select this network on your device (smartphone, laptop) and enter the password.
   - **Ethernet:** Connect an Ethernet cable from one of the LAN ports on the router to your computer or other network device.

5. **Access Web Management Page:**

   Open a web browser on a connected device and enter the default IP address (e.g., 192.168.8.1 or 192.168.1.1) found on the router's label. Log in using the default username and password (also on the label) to configure advanced settings, such as Wi-Fi name, password, and network preferences.

6. Operating

6.1 Understanding Indicator Lights

- **Power:** Solid green indicates the device is powered on.
- **Internet/Network:**
  - **Green:** Connected to 4G LTE network.
  - **Blue:** Connected to 3G network.
  - **Red:** No service or SIM card error.
- **Wi-Fi:** Solid green indicates Wi-Fi is active and broadcasting.
- **Signal Strength:** More bars lit up mean stronger signal. Aim for at least 2-3 bars for stable connection.

6.2 Connecting to the Internet

Once the router is set up and the Network Status indicator is green, your devices can connect to the internet. Ensure your devices are within the Wi-Fi range for wireless connections.

6.3 Changing Wi-Fi Settings

To change your Wi-Fi network name (SSID) or password, access the web management page using the IP address and login credentials found on the router's label. Navigate to the Wi-Fi settings section to customize your network.

7. Maintenance

- **Cleaning:** Gently wipe the router with a soft, dry cloth. Do not use liquid cleaners or aerosols.
- **Placement:** Place the router in an open area, away from obstructions, large metal objects, and other electronic devices that may cause interference. This helps optimize Wi-Fi signal and mobile network reception.
- **Firmware Updates:** Periodically check for firmware updates via the router's web management page. Keeping the firmware updated ensures optimal performance and security.
- **Restarting:** If you experience connectivity issues, try restarting the router by unplugging the power adapter, waiting

10 seconds, and then plugging it back in.

8. Troubleshooting

Problem	Possible Cause	Solution
No internet connection	No SIM card, invalid SIM, no network signal, or incorrect APN settings.	Ensure SIM card is correctly inserted. Check network status indicator. Move router to an area with better signal. Verify APN settings via web management page. Restart the router.
Slow internet speed	Weak signal, network congestion, or too many connected devices.	Improve signal strength by repositioning the router. Reduce the number of active devices. Contact your mobile network provider.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password, Wi-Fi disabled, or device too far from router.	Verify Wi-Fi password. Check Wi-Fi indicator on router. Ensure Wi-Fi is enabled via web management page. Move closer to the router.
Forgot login password for web management page	Password lost or forgotten.	Perform a factory reset using the reset button (refer to Product Overview section). Note: This will erase all custom settings.

9. Specifications

Feature	Detail
Brand	Huawei
Model Number	B530-936
Model Name	Router 3
Dimensions (L x W x H)	22 x 13.2 x 8 cm
Item Weight	480 grams
Color	White
Connectivity Technology	LTE, Wi-Fi
Connection Type	4G
Wireless Standard	802.11ac, 802.11b, 802.11g, 802.11n
Frequency Band Class	Dual-Band
Special Feature	Access Point Mode
Compatible Devices	Personal Computer, Smartphone
Recommended Uses	Home

Feature	Detail
Included Components	Power Adapter
First Available Date	February 20, 2023

10. Warranty and Support

For warranty information and technical support, please refer to the warranty card included with your product or visit the official Huawei support website. You can also visit the Huawei Store on Amazon for additional product details and customer service contacts.

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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

Answered questions about this manual

How do I reset the Huawei B530-936 LTE CPE Router to factory settings?

To reset your Huawei B530-936 LTE CPE Router to its original factory settings, follow these steps:Locate the Reset button on your router. This is typically a small pinhole button found on the rear or...

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