HUAWEI B535-235

HUAWEI 4G Router 3 Pro (Model B535-235)

User Instruction Manual

Introduction

This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your HUAWEI 4G Router 3 Pro, model B535-235. Please read this manual carefully before using the device to ensure proper and safe operation.



Figure 1: Front view of the HUAWEI 4G Router 3 Pro (B535-235). This image displays the front of the HUAWEI 4G Router 3 Pro, model B535-235. The router is white with a sleek, rectangular design. Along the top edge, there is a row of indicator lights: Power, Internet, Wi-Fi, LAN/WAN, and Signal Strength. The HUAWEI logo is visible on the lower front panel.

1. Setup

1.1 Package Contents

Before you begin, ensure all items are present in the package:

- HUAWEI 4G Router 3 Pro (B535-235)
- Power Adapter
- Ethernet Cable
- Quick Start Guide (this manual)

1.2 Physical Installation

1. **Insert SIM Card:** Locate the SIM card slot on the router. Insert a standard Nano-SIM card into the slot with the gold contacts facing down and the notched corner aligned correctly. Ensure it clicks into place.
2. **Connect Power:** Connect the power adapter to the router's power port and then plug the adapter into a power outlet. The router will automatically power on.
3. **Position the Router:** Place the router in an open area, away from obstructions, large metal objects, and other electronic devices that may cause interference. For optimal signal reception, consider placing it near a window.
4. **Connect Ethernet Devices (Optional):** If you wish to connect devices via a wired connection, use the provided Ethernet cable to connect your computer or other network devices to one of the LAN ports on the back of the router.

1.3 Initial Configuration

The router is designed for plug-and-play operation. Once powered on and a valid SIM card is inserted, it should automatically connect to the 4G network.

- **Default Wi-Fi:** The default Wi-Fi network name (SSID) and password are printed on a label on the bottom of the router.
- **Web Management Page:** To access advanced settings, open a web browser on a device connected to the router's Wi-Fi or LAN. Enter the default IP address (usually 192.168.8.1) into the address bar. The default login username and password are also on the label.

2. Operating Instructions

2.1 Indicator Lights

The indicator lights on the front panel provide information about the router's status:

- **Power Indicator ( ):**
  - *Solid Green:* Router is powered on.
  - *Off:* Router is powered off.
- **Internet Indicator ( ):**
  - *Solid Green:* Connected to the internet.
  - *Solid Red:* Not connected to the internet or SIM card error.
  - *Off:* No SIM card or network issue.
- **Wi-Fi Indicator ( ):**
  - *Solid Green:* Wi-Fi is enabled.
  - *Flashing Green:* WPS connection in progress.

- *Off:* Wi-Fi is disabled.

- **LAN/WAN Indicator ():**
  - *Solid Green:* Ethernet port is connected.
  - *Flashing Green:* Data is being transmitted via Ethernet.
  - *Off:* No Ethernet connection.

- **Signal Strength Indicators (4 bars):**
  - *More bars lit:* Stronger 4G signal.
  - *Fewer bars lit:* Weaker 4G signal.
  - *No bars lit:* No 4G signal.

2.2 Connecting Devices

- **Wi-Fi Connection:** On your device (smartphone, tablet, laptop), search for available Wi-Fi networks. Select the SSID found on the router's label and enter the corresponding Wi-Fi password.
- **Ethernet Connection:** Connect an Ethernet cable from the router's LAN port to the Ethernet port on your computer or other wired device.

2.3 Basic Network Settings (via Web Management Page)

Access the web management page (192.168.8.1) to customize settings:

- **Change Wi-Fi Name (SSID) and Password:** Navigate to the Wi-Fi settings section to modify your network name and password for enhanced security.
- **Guest Wi-Fi:** Enable a separate guest network for visitors, keeping your main network secure.
- **Parental Controls:** Manage internet access for connected devices.
- **Firmware Update:** Check for and install the latest firmware to ensure optimal performance and security.

3. Maintenance

3.1 Firmware Updates

Regularly check for and install firmware updates through the router's web management page. Firmware updates can improve performance, add new features, and enhance security.

3.2 Cleaning

To clean the router, gently wipe its exterior with a soft, dry cloth. Do not use liquid cleaners or abrasive materials, as these can damage the device.

3.3 Resetting the Device

If you encounter persistent issues or wish to restore the router to its factory default settings, you can perform a factory reset:

- **Soft Reset:** Power off the router, wait a few seconds, then power it back on.
- **Factory Reset:** With the router powered on, use a pointed object (like a paperclip) to press and hold the Reset button (usually located in a small pinhole on the back or bottom) for approximately 5-10 seconds until the indicator lights flash. The router will restart with factory default settings. *Note: This will erase all custom configurations.*

4. Troubleshooting

This section addresses common issues you might encounter with your HUAWEI 4G Router 3 Pro.

4.1 No Internet Connection

- **Check SIM Card:** Ensure the SIM card is correctly inserted and activated with a data plan.
- **Internet Indicator:** If the Internet indicator is red, there might be a network issue or SIM card problem. Contact your mobile network provider.
- **Signal Strength:** Check the signal strength indicators. If few or no bars are lit, try repositioning the router to an area with better signal reception.
- **Reboot Router:** Power off the router, wait 30 seconds, then power it back on.

4.2 Weak Wi-Fi Signal or Slow Speed

- **Router Placement:** Ensure the router is centrally located and free from obstructions. Avoid placing it near large metal objects, concrete walls, or other electronic devices.
- **Interference:** Other Wi-Fi networks or electronic devices (e.g., cordless phones, microwaves) can cause interference. Try changing the Wi-Fi channel in the router's settings.
- **Distance:** The further you are from the router, the weaker the signal.
- **Dual-Band:** Utilize the 5 GHz band for faster speeds if your devices support it, especially for close-range connections, as it generally has less interference.

4.3 Cannot Access Web Management Page

- **IP Address:** Ensure you are entering the correct default IP address (192.168.8.1).
- **Connection:** Verify your device is connected to the router via Wi-Fi or Ethernet.
- **Browser Cache:** Clear your browser's cache and cookies, or try a different web browser.
- **Firewall/Antivirus:** Temporarily disable any firewall or antivirus software on your computer that might be blocking access.

5. Specifications

Key technical specifications for the HUAWEI 4G Router 3 Pro (B535-235):

Feature	Detail
Model Number	B535-235
Brand	HUAWEI
Connectivity Type	4G, 3G, Wi-Fi
Wireless Type	802.11ac
Frequency Band Class	Dual-Band (2.4 GHz / 5 GHz)
LTE Speed	Up to 300 Mbps
Ethernet Ports	Typically 4 x Gigabit Ethernet (3 LAN, 1 LAN/WAN)
SIM Card Slot	Nano-SIM
Dimensions	Approx. 23.9 x 22.4 x 6 cm

Feature	Detail
Weight	Approx. 520 g
Operating System	RouterOS (as per product data, though typically refers to MikroTik, for Huawei it's proprietary firmware)

Note: Specifications are subject to change without prior notice.

6. 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 typically find support resources, FAQs, and contact information for customer service there.
Official HUAWEI Support: https://consumer.huawei.com/en/support/
Please have your product model number (B535-235) and serial number ready when contacting support.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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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