

HUAWEI B818-263

HUAWEI B818-263 Unlocked 4G LTE Mobile Wi-Fi Router User Manual

Model: B818-263

1. INTRODUCTION

The HUAWEI B818-263 is a high-performance 4G LTE Cat19 mobile Wi-Fi router designed to provide fast and reliable internet connectivity. It supports LTE FDD and TDD bands, offering speeds up to 1600Mbps download and 150Mbps upload. This manual provides essential information for setting up, operating, and maintaining your device.

Please read this manual thoroughly before using the device to ensure proper operation and to maximize its capabilities.

2. PACKAGE CONTENTS

Verify that all items are present in your package:

- 1 x HUAWEI B818-263 Router
- 1 x LAN Cable
- 1 x Quick Start Guide
- 1 x Switching Power Adapter

3. PRODUCT OVERVIEW

3.1 Front View and Indicators



Image: Front view of the HUAWEI B818-263 router. The front panel features several LED indicators for Power, Status, LAN, Wi-Fi, and Mode, along with a WPS button.

- **Power Indicator:** Indicates the power status of the device.
- **Status Indicator:** Shows the network connection status.
- **LAN Indicator:** Lights up when a device is connected to a LAN port.
- **Wi-Fi Indicator:** Indicates the Wi-Fi status.
- **Mode Indicator:** Displays the current operating mode (e.g., 4G LTE).
- **WPS Button:** For quick Wi-Fi Protected Setup connections.

3.2 Rear View and Ports



Image: Rear view of the HUAWEI B818-263 router. This view highlights the various ports including the SIM card slot, LAN ports, LAN/WAN port, phone port, and external antenna connectors (TS-9).

- **SIM Card Slot (3FF micro-SIM):** Insert your micro-SIM card here.
- **LAN1 Port (RJ45):** For connecting wired devices.
- **LAN2/WAN Port (RJ45):** Can function as a second LAN port or a WAN port for external internet sources.

- **Phone Port (RJ11):** For connecting a telephone.
- **External LTE Antenna Ports (TS-9):** Two ports for optional external antennas to improve signal reception.
- **Power Input:** Connect the power adapter here.

4. SETUP

4.1 Inserting the SIM Card

1. Ensure the router is powered off.
2. Locate the micro-SIM card slot on the rear of the device.
3. Insert the micro-SIM card into the slot with the gold contacts facing down and the notched corner oriented correctly. Push until it clicks into place.

4.2 Powering On the Device

1. Connect the provided power adapter to the router's power input port.
2. Plug the power adapter into a wall outlet.
3. The router will automatically power on. Wait for the indicators to stabilize.

4.3 Initial Configuration

You can manage the router via its web user interface (Web UI) or the HUAWEI SmartHome App.

Via Web UI:

1. Connect your computer to the router via Wi-Fi or an Ethernet cable. The default Wi-Fi name (SSID) and password are usually found on a label at the bottom of the router.
2. Open a web browser and enter the default IP address (e.g., 192.168.8.1) in the address bar.
3. Log in using the default username and password (usually admin for both, or as indicated on the router label).
4. Follow the on-screen wizard to complete the initial setup, including changing default passwords and configuring network settings.

Via HUAWEI SmartHome App:

1. Download the HUAWEI SmartHome App from your device's app store (iOS or Android).
2. Connect your smartphone to the router's Wi-Fi network.
3. Open the app and follow the instructions to add and manage your router.

5. OPERATING THE ROUTER

5.1 Connecting Devices

Wi-Fi Connection:

Locate the Wi-Fi name (SSID) and password on the router's label. On your device (smartphone, tablet, laptop), select the router's Wi-Fi network from the available networks list and enter the password to connect.

Wired Connection:

Use an Ethernet cable to connect your computer or other wired devices to the LAN1 or LAN2/WAN port on the router.

5.2 Understanding LED Indicators

Indicator	Status	Description
Power	Solid Green	Device is powered on.
Status	Solid Blue	Connected to 4G LTE network.
Status	Solid Red	No SIM card, invalid SIM, or no network.
Wi-Fi	Solid Green	Wi-Fi is enabled.

5.3 Key Features

- **High-Speed Connectivity:** Supports LTE Cat19 with speeds up to 1600Mbps (DL) and 150Mbps (UL).
- **Dual-Band Wi-Fi:** Operates on 2.4G and 5G concurrently, with data rates up to 1200Mbps (300Mbps+867Mbps).
- **Multiple Users:** Supports up to 64 Wi-Fi users simultaneously.
- **VPN Support:** Includes VPN Client (PPTP, L2TP) and VPN Pass-through capabilities.
- **Flexible Ports:** Features 1 Gigabit LAN/WAN Port, 1 Gigabit LAN Port, and 1 Phone port (RJ11).

6. MAINTENANCE

- **Regular Reboots:** Periodically restart the router to clear its memory and improve performance.
- **Firmware Updates:** Check for and install firmware updates via the Web UI or SmartHome App to ensure optimal performance and security.
- **Placement:** Place the router in an open area, away from obstructions and other electronic devices that may cause interference.
- **Cleaning:** Use a soft, dry cloth to clean the router. Do not use liquid cleaners or aerosols.
- **Temperature:** Ensure the router is operated within its recommended temperature range to prevent overheating.

7. TROUBLESHOOTING

Common Issues and Solutions:

- **No Internet Connection:**
 - Check the Status indicator. If red, ensure SIM card is correctly inserted and active.
 - Verify APN settings in the Web UI.
 - Restart the router and your connected device.
- **Slow Internet Speed:**
 - Check signal strength indicator on the router or in the Web UI. Relocate the router for better signal.
 - Ensure no excessive background downloads are occurring.
 - Try switching between 2.4GHz and 5GHz Wi-Fi bands.
- **Cannot Access Web UI:**
 - Ensure your device is connected to the router's network.

- Verify the IP address entered in the browser is correct.
- Clear browser cache or try a different browser.
- **Wi-Fi Disconnects Frequently:**
 - Reduce distance between router and device, or remove obstacles.
 - Change Wi-Fi channel in router settings to avoid interference.
 - Ensure router firmware is up to date.

8. SPECIFICATIONS

Feature	Detail
Model	B818-263
4G LTE Category	Cat19 (LTE 5CA)
Max Download Speed	1600 Mbps
Max Upload Speed	150 Mbps
Wi-Fi Standard	802.11a/b/g/n/ac
Wi-Fi Bands	2.4G/5G Dual Band Concurrently
Max Wi-Fi Users	64
LAN/WAN Ports	1 Gigabit LAN/WAN, 1 Gigabit LAN (RJ45)
Phone Port	1 (RJ11)
SIM Card Slot	1 micro-SIM (3FF)
External Antenna	2 x TS-9 ports
Dimensions (LxWxH)	103 x 103 x 225 mm (4.06 x 4.06 x 8.86 inches)
Weight	614g (1.35 lbs) (excluding power adapter)
Operating Frequencies (4G LTE FDD)	2100(B1)/1800(B3)/850(B5)/2600(B7)/900(B8)/800(B20)/700(B28) MHz
Operating Frequencies (4G LTE TDD)	2600(B38)/2300~2390(B40)/2500(B41)/3500(B42)/3700(B43) MHz
Operating Frequencies (3G UMTS)	2100(B1)/850(B5)/900(B8) MHz

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the warranty card included in your package or visit the official HUAWEI support website. Keep your purchase receipt for warranty claims.

For further assistance, you may contact HUAWEI customer service through their official channels.

