

HUAWEI B818-263

Huawei B818-263 CAT19 4G/LTE Mobile Wi-Fi Router User Manual

Model: B818-263

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Huawei B818-263 CAT19 4G/LTE Mobile Wi-Fi Router. Please read this manual thoroughly before using the device to ensure proper functionality and optimal performance.

The Huawei B818-263 is a high-performance mobile Wi-Fi router designed to provide fast and reliable internet connectivity using 4G/LTE networks. It supports LTE CAT19, offering download speeds up to 1600Mbps and upload speeds up to 50Mbps. The device is unlocked for use with any network SIM card and can connect up to 64 devices simultaneously, making it suitable for both home and business environments.

2. PACKAGE CONTENTS

Verify that all items are present in your product package:

- 1x Huawei B818-263 Router (White)
- 1x Power Adapter
- 1x Quick Start Guide

3. PRODUCT OVERVIEW

3.1 Front Panel Indicators

The front panel of the Huawei B818-263 features several LED indicators that display the device's status:

- **Power Indicator:** Shows the power status of the device.
- **Status Indicator:** Indicates the network connection status.
- **LAN Indicator:** Lights up when a device is connected to a LAN port.
- **Wi-Fi Indicator:** Shows the Wi-Fi status (on/off, activity).

- **Mode Indicator:** Displays the current operating mode or signal strength.



Figure 3.1: Front view of the Huawei B818-263 router with LED indicators.

3.2 Rear Panel Ports and Buttons

The rear panel provides various ports for connectivity and control:

- **Antenna Ports (MAIN, DIV):** For connecting external antennas to enhance signal reception.
- **Power Button:** To turn the device on or off.
- **LAN/WAN Port:** An Ethernet port that can function as either a Local Area Network (LAN) port or a Wide Area Network (WAN) port for connecting to an existing broadband service.
- **LAN Port:** An Ethernet port for connecting wired devices to the local network.
- **Telephone Port:** For connecting a landline phone to make calls using a voice-enabled SIM card.
- **Power Port:** For connecting the power adapter.

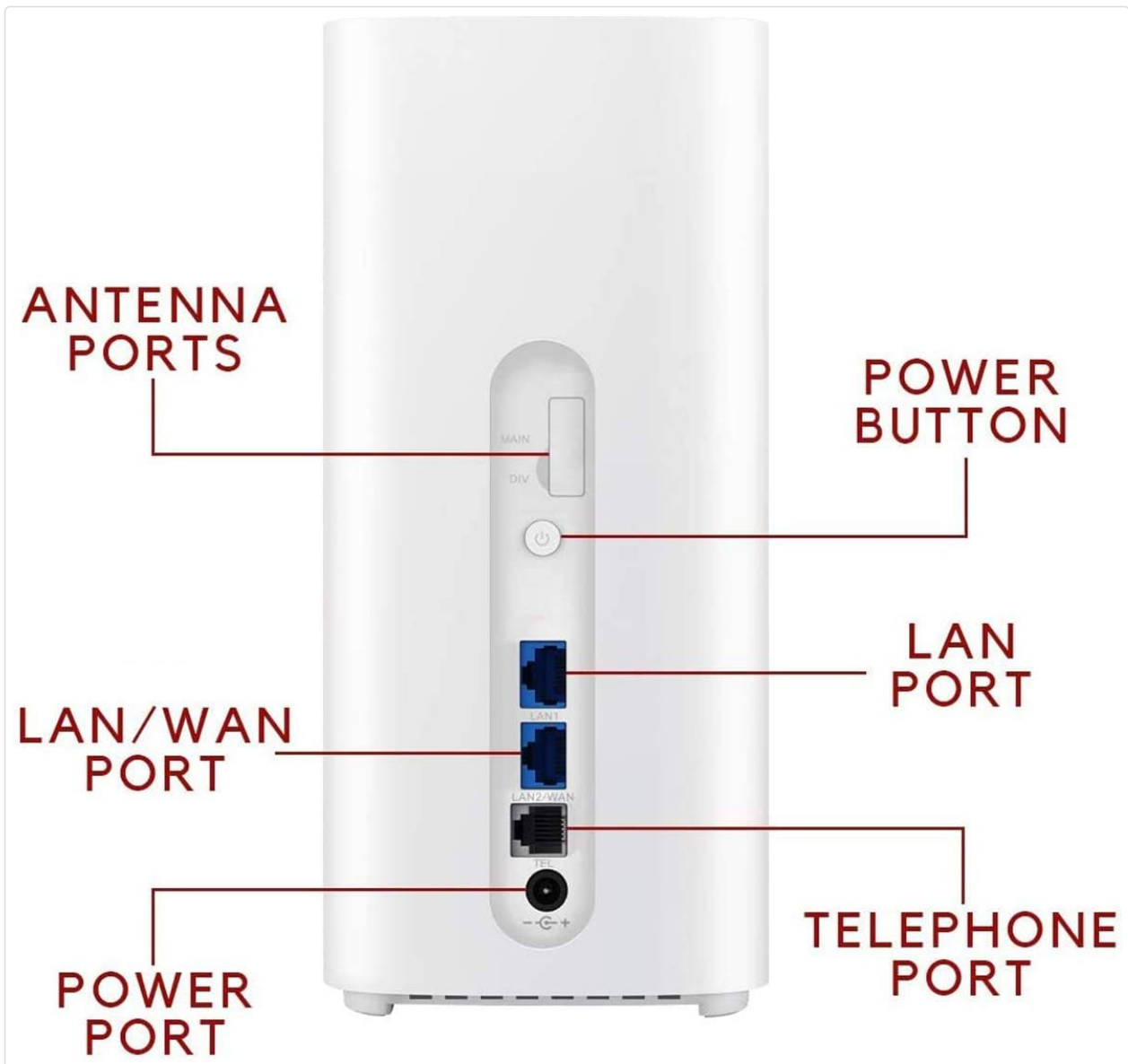


Figure 3.2: Rear panel of the Huawei B818-263 router with labeled ports.

4. SETUP

4.1 SIM Card Installation

1. Ensure the router is powered off.
2. Locate the SIM card slot, usually at the bottom or rear of the device.
3. Insert a standard Nano-SIM card into the slot with the gold contacts facing down and the notched corner aligned correctly. Push until it clicks into place.

4.2 Power Connection

1. Connect the provided power adapter to the Power Port on the rear of the router.
2. Plug the other end of the power adapter into a wall outlet.

4.3 Initial Power On

1. Press the Power Button on the rear panel to turn on the router.
2. Wait for the indicators on the front panel to stabilize. The Power indicator should be solid, and the Status indicator should show a stable connection (e.g., solid blue or green, depending on signal strength).

4.4 Connecting Devices

You can connect devices to the router via Wi-Fi or Ethernet cable.

4.4.1 Wi-Fi Connection

1. On your device (smartphone, laptop, tablet), search for available Wi-Fi networks.
2. Select the Wi-Fi network name (SSID) printed on the label at the bottom of your router.
3. Enter the Wi-Fi password (Wi-Fi Key) also found on the router's label.

4.4.2 Ethernet Connection

1. Connect one end of an Ethernet cable to a LAN port on the router.
2. Connect the other end of the Ethernet cable to the Ethernet port on your computer or other wired device.



Figure 4.1: The router supports simultaneous connection of up to 64 devices.

5. OPERATING INSTRUCTIONS

5.1 Accessing the Web Management Interface

To configure advanced settings, access the router's web management interface:

1. Open a web browser on a device connected to the router.
2. In the address bar, type the default IP address (usually 192.168.8.1 or 192.168.1.1) and press Enter. Refer to the router's label for the exact IP address.
3. Enter the default username and password (usually admin for both, or as specified on the router's label).
4. Follow the on-screen prompts for initial setup or to modify settings.

5.2 Changing Wi-Fi Settings

Within the web management interface, navigate to the Wi-Fi settings section to change the SSID (network name) or password for enhanced security.

5.3 Using the Telephone Port

If your SIM card supports voice calls, you can connect a standard analog telephone to the Telephone Port on the router. This allows you to make and receive calls using your mobile network plan. When making a call, dial the number and then press the call button on your phone.

6. MAINTENANCE

6.1 Firmware Updates

Regularly check for firmware updates through the router's web management interface. Firmware updates can improve performance, add new features, and enhance security. Follow the instructions provided in the interface for updating the firmware.

6.2 Cleaning

Clean the router periodically with a soft, dry cloth. Avoid using liquid cleaners or abrasive materials, as these can damage the device.

6.3 Optimal Placement

For best signal reception and Wi-Fi coverage, place the router in an open area, away from obstructions like walls, large metal objects, and other electronic devices that may cause interference. Placing it near a window can often improve 4G/LTE signal strength.

7. TROUBLESHOOTING

7.1 No Internet Connection

- **Check SIM Card:** Ensure the SIM card is correctly inserted and active.
- **Signal Strength:** Verify the signal strength indicator on the router. If the signal is weak, try repositioning the router or connecting external antennas.
- **Network Coverage:** Confirm that your location has 4G/LTE network coverage from your service provider.
- **APN Settings:** Access the web management interface and check if the Access Point Name (APN) settings are correct for your mobile network operator.

7.2 Slow Internet Speed

- **Signal Strength:** A weak 4G/LTE signal can lead to slow speeds. Refer to "Optimal Placement" in Section 6.3.
- **Network Congestion:** Speeds can vary based on network traffic in your area.
- **Connected Devices:** Too many devices connected simultaneously or high bandwidth usage by certain

applications can reduce overall speed.

- **Wi-Fi Interference:** Other wireless devices or networks can interfere with your Wi-Fi signal. Try changing the Wi-Fi channel in the router settings.

7.3 Cannot Connect to Wi-Fi

- **Wi-Fi Enabled:** Ensure the Wi-Fi indicator on the router is lit.
- **Correct Password:** Double-check that you are entering the correct Wi-Fi password (Wi-Fi Key).
- **Distance:** Ensure your device is within the Wi-Fi range of the router.

7.4 Resetting the Router

If you encounter persistent issues, you may need to reset the router to its factory default settings. Locate the Reset button (often a small pinhole button) on the router. With the router powered on, use a pin or paperclip to press and hold the Reset button for approximately 5-10 seconds until the indicators flash. The router will restart with factory settings, including default Wi-Fi name and password.

8. SPECIFICATIONS

Feature	Detail
Brand	HUAWEI
Model Name	B818-263
Product Dimensions	10.3 x 10.3 x 22.5 cm
Item Weight	1.22 kg
Colour	White
Wireless Type	802.11a, 802.11ac, 802.11b, 802.11g, 802.11n
Frequency Band Class	Dual-Band
Connectivity Technology	Ethernet, Wi-Fi
Special Feature	Secure Wi-Fi Hotspot
Compatible Devices	Laptop, Personal Computer, Smartphone, Tablet
Recommended Uses	Business, Home
Voltage	12 Volts (AC)
Operating System	Versatile Routing Platform

9. WARRANTY AND SUPPORT

The Huawei B818-263 router is supplied as genuine UK Warranty stock. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact your retailer.





For technical support, product information, or service inquiries, please visit the official HUAWEI support website or contact their customer service. Keep your purchase receipt and product serial number handy when seeking support.




You can visit the HUAWEI Store for more information:[HUAWEI Store on Amazon.co.uk](#)

© 2023 HUAWEI. All rights reserved.

This manual is for informational purposes only. Specifications are subject to change without notice.

Related Documents - B818-263

	<p>HUAWEI B818-263 LTE CPE Product Description and Technical Specifications</p> <p>Comprehensive product description and technical specifications for the HUAWEI B818-263 LTE CPE, covering hardware, software, services, connectivity options, and performance metrics. Includes detailed information on LTE and Wi-Fi capabilities, security features, and system architecture.</p>
	<p>Router Huawei B818-263 - Specyfikacja Techniczna i Opis</p> <p>Szczegółowy opis i specyfikacja techniczna routera Huawei B818-263. Informacje o funkcjach sieciowych, konstrukcji i parametrach pracy urządzenia.</p>
	<p>HUAWEI B818-263 Quick Start Guide</p> <p>A concise guide to setting up and using the HUAWEI B818-263 LTE CPE, covering product overview, setup, Wi-Fi connection, and troubleshooting.</p>
	<p>Huawei B818-263 4G LTE Router Quick Start Guide</p> <p>This quick start guide provides essential setup instructions, Wi-Fi connection details, and troubleshooting tips for the Huawei B818-263 4G LTE router, including product overview, SIM card installation, and network access.</p>

 <p>HUAWEI B525s-23a LTE CPE V100R001 Product Description</p> <p>Model: B525s-23a Date: 2015-11-17</p> <p>HUAWEI TECHNOLOGIES CO., LTD.</p> 	<p>HUAWEI B525s-23a LTE CPE: Product Description and Technical Specifications</p> <p>Comprehensive product description and technical specifications for the HUAWEI B525s-23a LTE CPE, detailing its features, hardware and software capabilities, supported network standards, services, system architecture, and packing information.</p>
<p>B618 LTE CPE Quick Start</p> 	<p>Huawei B618 LTE CPE Quick Start Guide - Setup and Usage</p> <p>Get started quickly with your Huawei B618 LTE CPE. This guide provides essential information on setup, appearance, configuration, safety, and troubleshooting for your high-speed wireless network device.</p>