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Zbtlink WE2805-B 4G LTE Router User Manual

MODEL: WE2805-B

1. Introduction

This manual provides detailed instructions for setting up, operating, and maintaining your Zbtlink WE2805-B 4G LTE Router. This device is designed to provide high-speed wireless internet access by converting a 4G LTE signal into a Wi-Fi network, ideal for locations where traditional wired broadband is unavailable or for mobile internet needs.



Image 1.1: Front view of the Zbtlink WE2805-B 4G LTE Router.

2. Key Features

- **Free eSIM & 10GB Free Data:** Activate the built-in digital SIM by scanning a QR code on the router to enjoy 10GB of free data. Additional data can be recharged online.
- **High-Speed 4G Network:** Features a Cat4 module TM22G, offering 4G LTE download speeds up to 150 Mbps and 2.4G Wi-Fi speeds up to 300Mbps.
- **Wider Coverage:** Equipped with four 5dBi high-gain omni-directional antennas for improved signal penetration and extended coverage.
- **Supports Multiple Devices:** With 64 MB of memory, the router can connect up to 32 devices simultaneously, ensuring stable data transmission.
- **Dynamic DNS (DDNS) Support:** Allows the router to automatically update DNS records when its IP address changes.

3. Package Contents

Verify that all items are present in your package:

- Zbtlink WE2805-B 4G LTE Router
- Power Adapter
- Ethernet Cable
- Nano SIM Adapter Kit
- Quick Start Guide (not included in this digital manual)

4. Product Overview

The Zbtlink WE2805-B router features a sleek design with integrated antennas and essential ports for connectivity.

4.1. Physical Components



Image 4.1: Rear ports of the Zbtlink WE2805-B 4G LTE Router.

- **Antennas:** Four fixed high-gain omni-directional antennas for optimal signal reception and transmission.
- **Power Port (DC):** Connects to the included power adapter.
- **Reset Button:** Used to restore the router to factory default settings.
- **WAN Port:** Connects to a wired broadband modem for internet access.
- **LAN Ports:** Connects to wired devices such as computers or network switches.
- **SIM Slot:** Insert your Nano SIM card here for 4G LTE internet access.

5. Setup

5.1. Powering On the Router

1. Connect the power adapter to the DC port on the router.
2. Plug the power adapter into a wall outlet.
3. Wait for the router's indicator lights to stabilize, indicating it is powered on and ready.

5.2. eSIM Activation (Recommended for 10GB Free Data)

The Zbtlink WE2805-B router includes a built-in digital eSIM with 10GB of free data upon activation. This method is recommended for initial setup.

1. Ensure your router is powered on and connected to the internet (e.g., via wired broadband temporarily, or use a phone with internet access).
2. Locate the QR code on the router or its packaging.
3. Using a smartphone or tablet with internet access, scan the QR code. This will typically direct you to an activation portal or app.
4. Follow the on-screen instructions to activate the built-in eSIM. Upon successful activation, 10GB of free data will be credited.

Video 5.1: Instructions on how to activate the free built-in digital eSIM of the WE2805-B router.

5.3. Physical SIM Card Installation (Optional)

If you prefer to use your own physical Nano SIM card, follow these steps:

1. Ensure the router is powered off.
2. If your SIM card is not a Nano SIM, use the provided Nano SIM adapter kit to convert it to the correct size.
3. Carefully insert the Nano SIM card into the SIM slot on the router until it clicks into place. Ensure the correct orientation.
4. Power on the router. The router will attempt to connect to the 4G LTE network.

5.4. Connecting to Wired Broadband (Optional)

The router can also function as a standard Wi-Fi router by connecting to an existing wired broadband connection.

1. Connect one end of an Ethernet cable to your broadband modem or wall jack.
2. Connect the other end of the Ethernet cable to the WAN port on the Zbtlink WE2805-B router.
3. Ensure the router is powered on. It will automatically detect the wired connection.

Two Optional Access to Internet

1. Activate built-in digital esim.
2. Connect to fix broadband



Image 5.2: Illustrates connecting to wired broadband and inserting a SIM card.

6. Operating the Router

6.1. Connecting Devices to Wi-Fi

1. On your device (smartphone, laptop, etc.), search for available Wi-Fi networks.
2. Select the Wi-Fi network name (SSID) broadcast by your Zbtlink WE2805-B router. The default SSID and password are usually found on a sticker on the bottom of the router.
3. Enter the Wi-Fi password when prompted.
4. Once connected, your device should have internet access.

6.2. Managing eSIM Data

To monitor data usage and recharge your eSIM data, use the dedicated mobile application. The application can be accessed by scanning the QR code used for activation or by searching for the Zbtlink app in your device's app store.

6.3. Dynamic DNS (DDNS) Configuration

If you require remote access to devices on your network or host services, you can configure DDNS. Refer to the router's web interface for detailed DDNS settings. This feature ensures that your domain name remains linked to your router's dynamic IP address.

7. Maintenance

- **Regular Cleaning:** Keep the router free from dust to ensure proper ventilation. Use a soft, dry cloth.
- **Firmware Updates:** Periodically check the manufacturer's website for firmware updates to ensure optimal performance and security.
- **Placement:** Place the router in a central location, away from obstructions and other electronic devices that may cause interference.
- **Power Cycle:** If you experience network issues, try power cycling the router by unplugging it for 10 seconds and then plugging it back in.

8. Troubleshooting

- **No Internet Connection:**
 - Check if the router's indicator lights are normal.
 - Ensure the eSIM is activated or the physical SIM card is correctly inserted and has an active data plan.
 - If using wired broadband, verify the Ethernet cable connection and modem status.
 - Try restarting the router.
- **Weak Wi-Fi Signal:**
 - Relocate the router to a more central position.
 - Ensure antennas are properly oriented.
 - Minimize interference from other electronic devices.
- **Cannot Access Router Settings:**
 - Ensure your device is connected to the router's Wi-Fi or via an Ethernet cable.
 - Verify the IP address for the router's web interface (usually 192.168.1.1 or 192.168.0.1).
 - If you forgot the password, perform a factory reset using the reset button.

9. Specifications

Feature	Detail
Model Name	WE2805-B
Product Dimensions	6.69 x 8.66 x 1.57 inches
Item Weight	1.41 pounds
Color	Black
Connectivity Technology	3G/4G/LTE/Ethernet
Wireless Communication Standard	802.11b, 802.11g, 802.11n
Frequency Band Class	Single-Band

Special Feature	SIM Slot for data-only SIM, free eSIM
Compatible Devices	Phones, computers, laptops, smart home devices
Recommended Uses	Vacation home, RV camping, rural areas, business trips

10. Warranty and Support

For warranty information and technical support, please refer to the official Zbtlink website or contact their customer service directly. Keep your purchase receipt for warranty claims.

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Related Documents - WE2805-B

	<p>Zbtlink WE2805-B 4G LTE Router User Guide Comprehensive user guide for the Zbtlink WE2805-B 4G LTE Router, detailing setup, features, and operation for seamless cellular connectivity.</p>
	<p>Zbtlink APP Operating Instructions This document provides operating instructions for the Zbtlink APP, covering software download, installation, and functional operations such as login, status monitoring, network settings, and wireless configurations for Zbtlink routers.</p>
	<p>4G LTE Router User Manual User manual for the 4G LTE Router, providing step-by-step instructions for setup, connection, and troubleshooting. Covers SIM card insertion, power connection, network cable connection, Wi-Fi setup, and advanced settings.</p>