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Model: Archer BE805

1. INTRODUCTION

This user manual provides comprehensive instructions for the installation, operation, and maintenance of your TP-Link Archer BE19000 Tri-Band Wi-Fi 7 Router, model BE805. Please read this manual thoroughly before using the device to ensure proper setup and optimal performance. This router is designed to provide high-speed, reliable wireless connectivity for your home or office network, leveraging the latest Wi-Fi 7 standard.

2. PRODUCT OVERVIEW

The TP-Link Archer BE19000 Tri-Band Wi-Fi 7 Router (BE805) is a high-performance networking device featuring advanced Wi-Fi 7 technology. It offers enhanced speeds and efficiency, supporting a wide range of devices from older Wi-Fi 4 to the newest Wi-Fi 7 standards. Key features include:

- **10G Gigabit Connectivity:** Provides ultra-fast wired connections for demanding applications.
- **Extensive Coverage:** Covers up to 3,600 Sq. Ft., ensuring strong Wi-Fi signals throughout large areas.
- **12-Stream Tri-band Wi-Fi:** Delivers up to 19 Gbps total wireless throughput across three distinct bands (2.4 GHz, 5 GHz, and 6 GHz).
- **Latest 6GHz Wi-Fi Band:** Utilizes the new 6 GHz band for less interference and higher speeds, ideal for Wi-Fi 6E and Wi-Fi 7 devices.
- **Multi-Link Operation (MLO):** Supports the newest MLO technology for improved network efficiency and reduced latency.

2.1. Package Contents

Before proceeding with the setup, please verify that all items are present in your package:

- TP-Link Archer BE19000 Tri-Band Wi-Fi 7 Router (BE805)
- Power Adapter
- Ethernet Cable
- Quick Installation Guide

2.2. Physical Components



Figure 2.2.1: Front view of the TP-Link Archer BE19000 Tri-Band Wi-Fi 7 Router BE805. The router features a modern, vertical design with a black front panel and ribbed grey sides, indicating its internal antenna structure.



Figure 2.2.2: The TP-Link Archer BE19000 Tri-Band Wi-Fi 7 Router BE805 integrated into a typical home setting, demonstrating its compact and aesthetic design suitable for placement on a shelf or desk.



Figure 2.2.3: Rear panel of the TP-Link Archer BE19000 Tri-Band Wi-Fi 7 Router BE805, highlighting the connectivity options. From top to bottom, it includes a WPS button, an LED control button, four 1 Gbps LAN ports, and a dedicated Internet (WAN) port for connecting to your modem.

3. SETUP INSTRUCTIONS

Follow these steps to set up your TP-Link Archer BE19000 Tri-Band Wi-Fi 7 Router:

1. **Power Off Your Modem:** Disconnect the power from your existing modem.
2. **Connect the Router:**
 - Connect one end of the provided Ethernet cable to the Internet (WAN) port on your Archer BE805 router.
 - Connect the other end of the Ethernet cable to your modem's Ethernet port.
3. **Power On Devices:**
 - First, power on your modem and wait for it to fully boot up (usually indicated by stable indicator lights).

- Next, connect the power adapter to your Archer BE805 router and plug it into a power outlet. Wait for the router to power on and its indicator lights to stabilize.

4. Connect to the Router's Wi-Fi Network:

- On your computer or mobile device, search for the Wi-Fi network name (SSID) printed on the label on the bottom of your router.
- Connect to this network using the Wi-Fi password (Wireless Password/PIN) also found on the router's label.

5. Configure the Router:

- Open a web browser on your connected device and enter `http://tplinkwifi.net` or `http://192.168.0.1` in the address bar.
- Follow the on-screen instructions to create a login password, set up your internet connection, and customize your Wi-Fi network name and password.
- Alternatively, download the TP-Link Tether app from your mobile app store and follow the in-app instructions for setup.

6. **Verify Internet Connection:** Once configured, test your internet connection by browsing a website.

4. OPERATING INSTRUCTIONS

This section covers common operations and features of your Archer BE805 router.

4.1. Managing Wi-Fi Networks

You can manage your Wi-Fi networks via the web management interface or the TP-Link Tether app.

- **Changing Wi-Fi Name (SSID) and Password:** Navigate to Wireless Settings to modify your network names and passwords for the 2.4 GHz, 5 GHz, and 6 GHz bands.
- **Guest Network:** Enable a separate network for guests to provide internet access without sharing your main network resources.
- **Smart Connect:** This feature automatically assigns devices to the best available Wi-Fi band (2.4 GHz, 5 GHz, or 6 GHz) for optimal performance.

4.2. Advanced Features

- **Parental Controls:** Manage and monitor internet access for children's devices, including time limits and content filtering.
- **Quality of Service (QoS):** Prioritize network traffic for specific applications or devices to ensure smooth performance for gaming, streaming, or video calls.
- **USB Sharing:** Connect a USB storage device to the router's USB port to share files across your network or set up a personal cloud.
- **VPN Server:** Create a secure VPN connection to access your home network remotely.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your router.

- **Firmware Updates:** Periodically check for and install the latest firmware updates from the TP-Link official website. Firmware updates often include performance improvements, security patches, and new features.
- **Optimal Placement:** Place the router in a central location, away from obstructions (thick walls, metal objects) and interference sources (microwaves, cordless phones) to maximize Wi-Fi coverage.
- **Cleaning:** Gently clean the router's exterior with a soft, dry cloth. Do not use liquid cleaners or aerosols. Ensure ventilation openings are clear of dust.
- **Rebooting:** If you experience network issues, a simple reboot (power cycling) of the router and modem can often resolve them.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your Archer BE805 router.

6.1. No Internet Access

- **Check Cable Connections:** Ensure the Ethernet cable from your modem is securely connected to the router's Internet (WAN) port.
- **Reboot Devices:** Power cycle your modem first, then your router. Wait for both to fully boot up.
- **Modem Status:** Verify that your modem is receiving an internet signal (check its indicator lights).
- **ISP Issue:** Contact your Internet Service Provider (ISP) if the modem lights indicate a problem or if rebooting doesn't resolve the issue.

6.2. Slow Wi-Fi Speed or Frequent Disconnections

- **Router Placement:** Move the router to a more central location, away from obstacles and interference.
- **Interference:** Avoid placing the router near other electronic devices that emit radio frequencies (e.g., microwaves, cordless phones).
- **Channel Optimization:** In the router's web interface, try changing the Wi-Fi channel to a less congested one.
- **Firmware Update:** Ensure your router's firmware is up to date.
- **Device Compatibility:** Ensure your devices support Wi-Fi 7 or Wi-Fi 6E to fully utilize the 6 GHz band.

6.3. Cannot Access Router's Web Management Page

- **IP Address/Domain:** Ensure you are using the correct address: <http://tplinkwifi.net> or <http://192.168.0.1>.
- **Wired Connection:** Try connecting your computer directly to one of the router's LAN ports with an Ethernet cable.
- **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.

7. SPECIFICATIONS

Detailed technical specifications for the TP-Link Archer BE19000 Tri-Band Wi-Fi 7 Router (BE805).

Feature	Detail
Brand	TP-Link
Model Name	Archer BE805
Frequency Band Class	Tri-Band (2.4 GHz, 5 GHz, 6 GHz)
Wireless Communication Standard	802.11ax (Wi-Fi 6/6E), Wi-Fi 7 compatible
Connectivity Technology	Wi-Fi, Ethernet
Antenna Type	Internal
Recommended Uses	Home
Compatible Devices	Laptop, Personal Computer, Smartphone, Tablet
Package Dimensions	15.24 x 13.15 x 6.65 inches
Item Weight	9.66 pounds
First Available Date	August 15, 2024

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official TP-Link website or the warranty card included with your product. You can typically find support resources, FAQs, and contact information at www.tp-link.com/support. When contacting support, please have your product model (Archer BE805) and serial number ready.