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TP-Link Archer MR200

TP-Link AC750 Wireless Dual Band 4G LTE Router

Model: Archer MR200

PRODUCT OVERVIEW

The TP-Link Archer MR200 is an AC750 Wireless Dual Band 4G LTE Router designed to provide reliable internet connectivity. It integrates a 4G LTE modem, allowing you to share a 4G LTE mobile broadband connection via Wi-Fi or Ethernet ports. This device supports dual-band Wi-Fi (2.4GHz and 5GHz) for flexible and high-speed wireless connections.



Figure 1: Front view of the TP-Link Archer MR200 router, showing indicator lights and the TP-Link logo.

PACKAGE CONTENTS

Verify that all items are present in your package:

- TP-Link Archer MR200 Router
- Ethernet Cable
- Voltage Adapter (Power Adapter)
- Quick Installation Guide
- Micro SIM Adapter
- Nano SIM Adapter

SETUP GUIDE

1. SIM Card Installation

The Archer MR200 requires a SIM card for 4G LTE connectivity. Ensure your SIM card is correctly sized (Standard, Micro, or Nano) and insert it into the SIM card slot on the router.

1. If necessary, use the provided Micro SIM Adapter or Nano SIM Adapter to fit your SIM card into the standard SIM card slot.
2. With the router powered off, locate the SIM card slot on the back of the device.
3. Gently insert the SIM card into the slot until it clicks into place. Ensure the gold contacts are facing down.



Figure 2: Illustration demonstrating the correct method for inserting a SIM card into the router's dedicated slot.



Figure 3: Rear view of the Archer MR200, highlighting the power input, LAN ports, LAN/WAN port, WPS/Reset button, Wi-Fi On/Off button, and Nano SIM Card slot.

2. Powering On

1. Connect the provided voltage adapter to the router's power port.
2. Plug the other end of the adapter into a standard electrical outlet.
3. Wait for the router to power on. The indicator lights on the front panel will illuminate. The Internet LED should turn solid green, indicating a successful 4G LTE connection.

3. Initial Configuration

You can configure the router via a web browser. The default Wi-Fi network name (SSID) and password are printed on the label at the bottom of the router.

1. Connect your computer or mobile device to the router's Wi-Fi network or via an Ethernet cable to one of the LAN ports.
2. Open a web browser (e.g., Microsoft Internet Explorer 11, Mozilla Firefox 12.0, Google Chrome 20.0, Apple Safari 4.0 or higher).
3. Type `tplinkwifi.net` or `192.168.1.1` into the address bar and press Enter.
4. Follow the on-screen instructions to set up your router, including changing the default Wi-Fi name and password for security.

OPERATING THE ROUTER

Connecting Devices

The Archer MR200 supports both wireless and wired connections.

- **Wireless Connection:** Search for the router's Wi-Fi network (SSID) on your device and enter the Wi-Fi password. The router supports IEEE 802.11ac/n/a on 5GHz and IEEE 802.11b/g/n on 2.4GHz.
- **Wired Connection:** Use an Ethernet cable to connect your device to any of the router's LAN ports.

Dual Band Wi-Fi

The router operates on two separate Wi-Fi bands: 2.4GHz and 5GHz. The 2.4GHz band offers wider coverage, while the 5GHz band provides faster speeds and less interference, ideal for streaming and gaming.



Figure 4: Visual representation of the router's connectivity capabilities, including 4G LTE speeds (up to 150 Mbps download, 50 Mbps upload), 2.4 GHz Wi-Fi (up to 300 Mbps), and 5 GHz Wi-Fi (up to 433 Mbps).

WAN Connection Backup

The Archer MR200 features a LAN4/WAN port, allowing it to function as a traditional wireless router that connects to a cable, fiber, or DSL modem. This provides a backup internet connection in case your 4G LTE service is unavailable.



Figure 5: Setup diagram illustrating how the Archer MR200 can be connected to an existing modem via its LAN4/WAN port for a wired internet connection, serving as a backup or primary source.

MAINTENANCE

Firmware Updates

Regularly check for and install firmware updates to ensure optimal performance, security, and access to new features. You can usually find firmware updates on the official TP-Link website for your specific model.

Resetting the Router

If you encounter persistent issues or forget your login credentials, you can reset the router to its factory default settings. Locate the WPS/RESET button on the back of the router. With the router powered on, press and hold this button for approximately 8-10 seconds until the system LED blinks rapidly. Release the button, and the router will

restart with factory settings.

TROUBLESHOOTING

- **No Internet Access:**

- Check if the SIM card is properly inserted and activated with your mobile network provider.
- Verify that the Internet LED on the router is solid green. If not, there might be an issue with the 4G LTE connection.
- Ensure your device is correctly connected to the router (Wi-Fi or Ethernet).
- Try restarting the router by unplugging and replugging the power adapter.

- **Weak Wi-Fi Signal or Slow Speed:**

- Relocate the router to a central location, away from obstacles and interference sources (e.g., cordless phones, microwaves).
- Ensure the external antennas are properly attached and oriented.
- Try connecting to the 5GHz Wi-Fi band for faster speeds if your device supports it and is close to the router.
- Check for firmware updates.

- **Cannot Access Router's Web Management Page:**

- Ensure your device is connected to the router.
- Verify that you are using the correct address (tplinkwifi.net or 192.168.1.1).
- Clear your browser's cache and cookies, or try a different browser.
- Temporarily disable any firewall or antivirus software on your computer.

SPECIFICATIONS

Feature	Detail
Model Name	AC750 Wireless Dual Band 4G LTE Router (Archer MR200)
Wireless Type	802.11ac
Frequency Band Class	Dual-Band (2.4GHz and 5GHz)
Wireless Communication Standard	IEEE 802.11ac/n/a 5GHz, IEEE 802.11b/g/n 2.4GHz
Connectivity Technology	Wired, Wireless (4G LTE)
Operating System Compatibility	Microsoft Windows 98SE, NT, 2000, XP, Vista, 7, 8 or 10, MacOS, NetWare, UNIX, Linux
Operating Temperature	0°C - 40°C (32°F - 104°F)
Dimensions (LxWxH)	7.95 x 5.55 x 1.32 inches
Item Weight	9.5 ounces
Color	Black

Voltage	240 Volts
Special Feature	WPS (Wi-Fi Protected Setup)

SAFETY INFORMATION

Please read and follow all safety instructions to prevent damage to the device or injury.

- Do not expose the device to water or humidity.
- Do not attempt to disassemble or repair the device yourself.
- Use only the provided power adapter.
- Keep the device away from heat sources and direct sunlight.
- Ensure proper ventilation around the device.

WARRANTY AND SUPPORT

For warranty information, technical support, and further assistance, please visit the official TP-Link website or contact their customer service. You can often find FAQs, troubleshooting guides, and driver downloads on their support pages.

For the latest information and support, visit: www.tp-link.com/support

