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## TP-Link Archer AX11000

# TP-Link Archer AX11000 Tri-Band Wi-Fi 6 Router USER MANUAL

### Introduction

The TP-Link Archer AX11000 is a high-performance Tri-Band Wi-Fi 6 router designed to deliver exceptional speed and coverage for demanding network environments, including gaming and multiple connected devices. It features Wi-Fi 6 technology for faster speeds, a 1.8 GHz Quad-Core Processor for efficient data handling, and multiple Gigabit LAN ports for reliable wired connections. This manual provides comprehensive instructions for setting up, operating, maintaining, and troubleshooting your router.



Image: The TP-Link Archer AX11000 router, showcasing its distinctive design with multiple external antennas.

## Setup

Follow these steps to set up your Archer AX11000 router for the first time.

1. **Unpack the Router:** Carefully remove the router, power adapter, and Ethernet cable from the packaging.
2. **Position the Router:** Place the router in a central location to ensure optimal Wi-Fi coverage throughout your home or office. Avoid placing it near large metal objects or appliances that may cause interference.
3. **Connect to Power:** Connect the power adapter to the router's power port and plug the other end into an electrical outlet. The power LED on the router should illuminate.
4. **Connect to Modem:** Connect one end of the provided Ethernet cable to the 2.5 Gbps WAN port (blue) on the router and the other end to your modem's Ethernet port.
5. **Connect Devices:** For wired connections, connect your computers or other network devices to any of the 8 Gigabit LAN ports (yellow) on the router using Ethernet cables.
6. **Initial Wi-Fi Connection:** Locate the Wi-Fi network name (SSID) and password printed on the label at the bottom of the router. Connect your wireless devices to this network. For quick connection, you can scan the QR code on the label using a compatible device.
7. **Access Router Management:** Open a web browser on a device connected to the router (wired or wireless) and enter <http://tplinkwifi.net> in the address bar. Follow the on-screen instructions to create a login password and complete the setup wizard.

# Expansive 4-6 Bedroom House Coverage

8 high-performance antennas, Beamforming, and high-power FEM combine to deliver broad coverage.

**8× Antennas**

**Beamforming**

**High-Power FEM**

**4T4R**

Image: Rear panel of the Archer AX11000, highlighting the WAN, LAN, USB ports, and power input.



Image: The product label on the bottom of the router, displaying default Wi-Fi credentials and management access details. Default Wi-Fi Network (SSID): TP-Link\_FA5A, Password: 22723635. [Click here to connect to default Wi-Fi \(if supported by device\).](#)

## Operating

The Archer AX11000 offers advanced features to optimize your network performance.

- **Tri-Band Wi-Fi 6:** The router operates on three bands: one 2.4 GHz band and two 5 GHz bands. The dedicated 5 GHz\_1 band is optimized for gaming, providing up to 4804 Mbps, while the other 5 GHz\_2 band also offers 4804 Mbps, and the 2.4 GHz band provides up to 1148 Mbps. This allows for efficient distribution of devices across bands to minimize congestion and maximize speed.

# Faster. Broader. Unstoppable.

One dedicated Gaming Band with HT160 offers 4.8 Gbps of bandwidth



▼ **12 STREAMS**  
Higher simultaneous transmission capability

▼ **HT160**  
The highest channel width on a single stream

▼ **1024-QAM**  
More data encode at one time



Image: Visual representation of the router's tri-band capabilities and their respective maximum speeds.

- **Expansive Coverage:** Equipped with 8 high-performance antennas, Beamforming technology, and High-Power FEM (Front-End Module), the router delivers broad Wi-Fi coverage, suitable for large homes (4-6 bedrooms).



Image: Key technologies contributing to the router's extensive Wi-Fi coverage.

- **Wired Connectivity:** The router includes one 2.5 Gbps WAN port for high-speed internet connections and eight 1 Gbps LAN ports for connecting multiple wired devices such as PCs, gaming consoles, and network-attached storage (NAS).
- **USB Ports:** Two USB 3.0 ports (one Type-A and one Type-C) are available for connecting external storage devices to share files across your network or for other USB-enabled functionalities.

# Go Faster. Go Reliable. Go Wired.

Take full advantage of internet plans up to 2.5 Gbps using 1x 2.5 Gbps WAN port and 8x LAN ports.

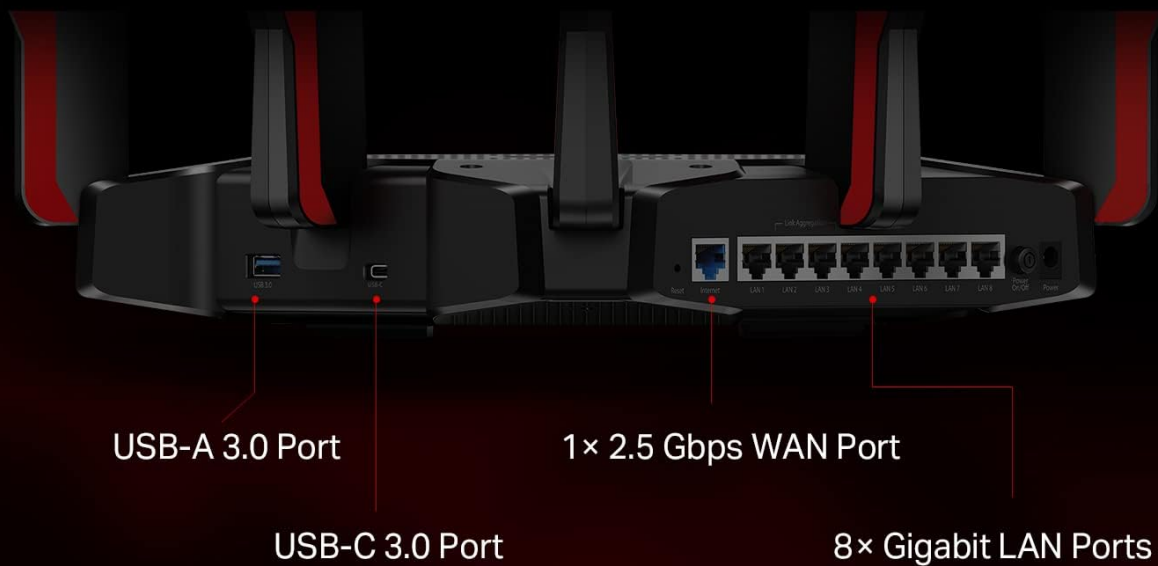
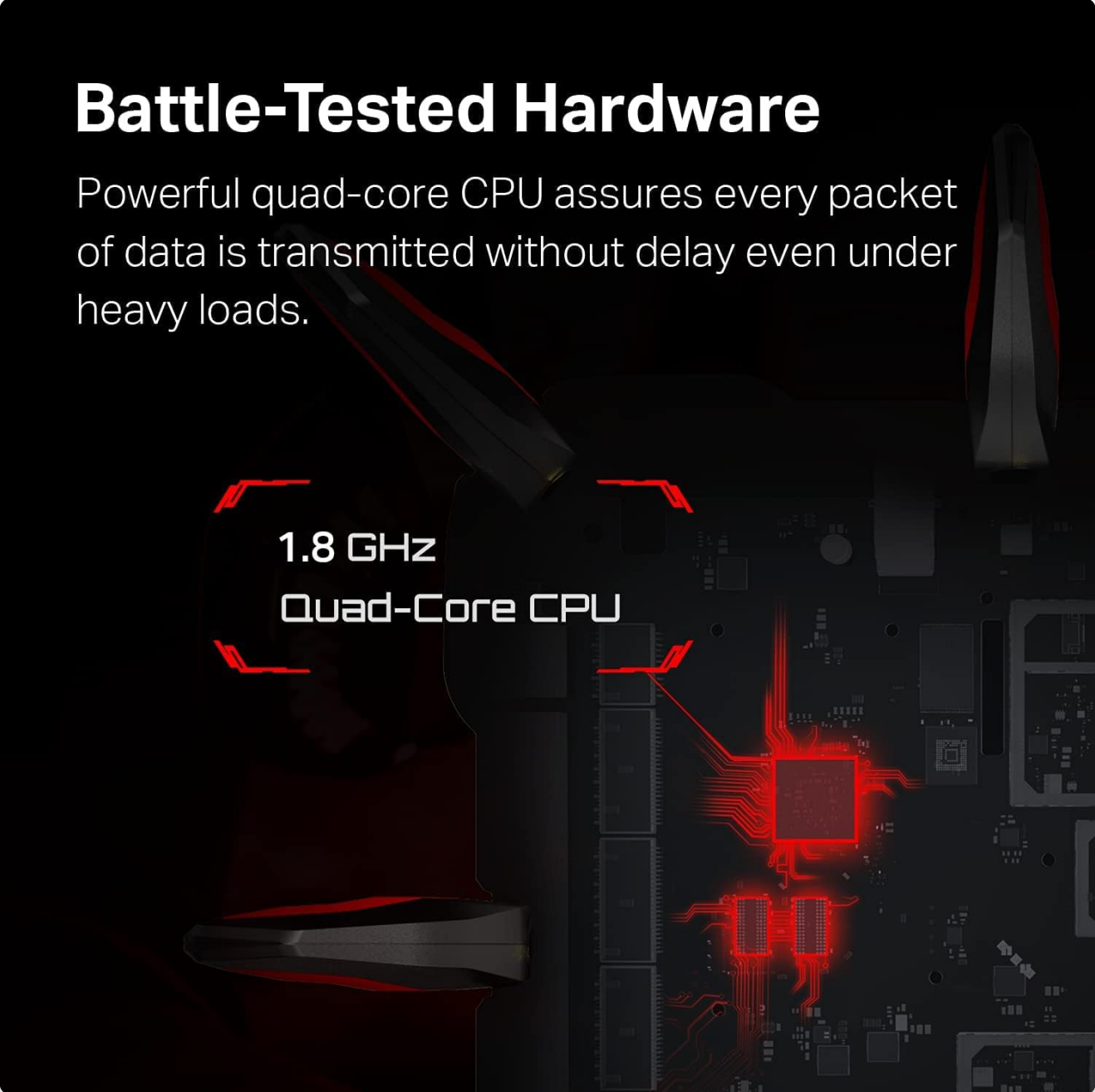


Image: Detailed view of the router's wired connectivity options, including WAN, LAN, and USB ports.

- **Powerful Processor:** A 1.8 GHz Quad-Core CPU ensures smooth data transmission and handles heavy network loads without delay, providing a stable and responsive experience.

# Battle-Tested Hardware

Powerful quad-core CPU assures every packet of data is transmitted without delay even under heavy loads.



1.8 GHz  
Quad-Core CPU

Image: Illustration of the router's powerful internal processor.

- **TP-Link HomeCare™:** This integrated security suite provides comprehensive network protection, including next-level antivirus, robust parental controls, and Quality of Service (QoS) to prioritize network traffic.
- **WPA3 Security:** Supports the latest Wi-Fi security protocol, WPA3, for enhanced network protection and data encryption.

# Your Security is Our Priority

Game Protector keeps your accounts and system safe.



HomeCare™



WPA3



Image: Visual representation of the router's security features, HomeCare™ and WPA3.

## Maintenance

To ensure optimal performance and longevity of your Archer AX11000 router, consider the following maintenance tips:

- **Firmware Updates:** Regularly check for and install the latest firmware updates through the router's web management interface or the TP-Link Tether app. Firmware updates often include performance improvements, security patches, and new features.
- **Proper Ventilation:** Ensure the router is placed in a well-ventilated area. Do not cover the ventilation holes or place the router in an enclosed space, as this can lead to overheating.
- **Cleaning:** Periodically clean the router's exterior with a soft, dry cloth to prevent dust buildup, which can impede airflow.
- **Restarting:** If you experience network issues, a simple restart of the router (by unplugging and replugging the power adapter) can often resolve minor glitches.

## Troubleshooting

If you encounter issues with your Archer AX11000 router, refer to the following common troubleshooting steps:

- **No Internet Access:**

- Check if your modem is working correctly.
- Ensure the Ethernet cable from the modem is securely connected to the router's blue WAN port.
- Restart both your modem and router.

- **Wi-Fi Disconnections or Slow Speeds:**

- Try moving your device closer to the router.
- Ensure there are no major obstructions or sources of interference (e.g., microwaves, cordless phones) near the router.
- Check if your devices are connected to the appropriate Wi-Fi band (2.4 GHz for range, 5 GHz for speed).
- Update your device's wireless adapter drivers.

- **Cannot Access Router Management Page:**

- Ensure your device is connected to the router's network.
- Verify that you are typing <http://tplinkwifi.net> correctly in the browser's address bar.
- Try clearing your browser's cache and cookies, or use a different browser.

- **Forgot Router Login Password:**

- If you cannot recall your login password, you may need to perform a factory reset on the router. This will revert all settings to their default values, and you will need to reconfigure the router. To factory reset, press and hold the Reset button on the router for about 10 seconds until the LEDs flash.

For more detailed troubleshooting guides and FAQs, visit the official TP-Link support website.

## Specifications

Feature	Description
Model Name	AX11000 Next-Gen Tri-Band Gaming Router
Product Dimensions	14.37 x 11.42 x 4.72 inches
Item Weight	2.61 pounds
Wireless Standard	802.11ax (Wi-Fi 6), 802.11ac, 802.11n, 802.11g, 802.11b
Frequency Band Class	Tri-Band (2.4 GHz, 5 GHz_1, 5 GHz_2)
Wi-Fi Speed	2.4 GHz: 1148 Mbps, 5 GHz_1: 4804 Mbps, 5 GHz_2: 4804 Mbps (Total up to 10.8 Gbps)
WAN Port	1x 2.5 Gbps WAN Port

Feature	Description
LAN Ports	8x 1 Gbps LAN Ports
USB Ports	1x USB 3.0 Type-A, 1x USB 3.0 Type-C
Processor	1.8 GHz Quad-Core CPU
Special Features	Beamforming, OFDMA, MU-MIMO, TP-Link HomeCare™ (Antivirus, Parental Controls, QoS), Game Accelerator, WPA3 Security
Included Components	Router, Ethernet Cable, Power Adapter, 2 USB 3.0 ports (Type A and Type C)
Compatible Devices	Personal Computer, Gaming Console, Streaming Device, Smartphone, Tablet, Smart Home Devices

## Warranty and Support

TP-Link provides a limited warranty for the Archer AX11000 router. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official TP-Link website. For technical support, product registration, and additional resources, please visit [TP-Link's official support page](#).