

## ARCHER AX10

# Archer AX10 Wi-Fi 6 Router User Manual

Model: ARCHER AX10

## 1. INTRODUCTION

The Archer AX10 Wi-Fi 6 router is designed to provide next-generation wireless connectivity for your home or small office network. This dual-band router offers impressive speeds up to 1.5 Gbps, making it ideal for demanding activities such as 4K streaming, online gaming, and video conferencing. Its advanced Wi-Fi 6 technology enhances performance in environments with multiple connected devices, reducing congestion and lag.

Equipped with four high-gain antennas, the Archer AX10 ensures broad coverage throughout your space. It also features Gigabit ports for high-speed wired connections and includes robust parental controls for managing internet access. With its user-friendly setup, this router is an excellent choice for upgrading to the latest Wi-Fi standard.



Figure 1: Front view of the Archer AX10 Wi-Fi 6 Router. The router is black with a sleek, angular design and features four prominent external antennas for enhanced signal coverage.

### Key Features:

- **WI-FI 6 TECHNOLOGY:** Next-generation AX1500 wireless standard delivers faster speeds, greater capacity, and reduced network congestion.
- **DUAL-BAND SPEEDS:** Reaches up to 1.5 Gbps (1201 Mbps on 5 GHz band and 300 Mbps on 2.4 GHz band) for faster streaming and gaming.
- **COVERAGE FEATURES:** Includes 4 high-gain antennas and advanced beamforming technology for improved range and reliable connections.
- **CONNECTIVITY:** Equipped with 1 Gigabit WAN port and 4 Gigabit LAN ports for fast wired

connections to your devices.

- **SECURITY FEATURES:** Supports WPA3 encryption protocol and includes a SPI firewall for enhanced network protection.

## 2. PACKAGE CONTENTS

---

Before you begin, please check the package contents to ensure all items are present:

- Archer AX10 Wi-Fi 6 Router
- Power Adapter
- Ethernet Cable
- Quick Installation Guide

## 3. SETUP GUIDE

---

### 3.1 Hardware Connection

1. **Power Off:** Disconnect the power from your modem and remove the backup battery if it has one.
2. **Connect Router:** Connect the Ethernet cable from your modem's LAN port to the Archer AX10's WAN port (usually blue).
3. **Power On:** Connect the power adapter to the router and plug it into a power outlet. Power on your modem, then wait for it to fully boot up (typically 1-2 minutes).
4. **Router Boot Up:** Wait for the router's LED indicators to stabilize, indicating it is ready for use.

### 3.2 Connect to the Router

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

- **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 device to this network.
- **Wired Connection:** Connect an Ethernet cable from one of the router's LAN ports (yellow) to your computer's Ethernet port.

### 3.3 Initial Configuration

1. **Access Web Interface:** Open a web browser on your connected device and type `http://tplinkwifi.net` or `http://192.168.0.1` into the address bar.
2. **Create Login Password:** Follow the on-screen instructions to create a strong login password for the router's management page.
3. **Run Quick Setup:** The Quick Setup wizard will guide you through basic internet settings, Wi-Fi network name (SSID), and password configuration.
4. **Save Settings:** Once completed, save your settings and restart the router if prompted.

## 4. OPERATING INSTRUCTIONS

---

### 4.1 Connecting Devices

- **Wireless Devices:** Search for your Wi-Fi network name (SSID) on your device and enter the Wi-Fi

password.

- **Wired Devices:** Connect devices like PCs, gaming consoles, or smart TVs to the router's yellow LAN ports using Ethernet cables.

## 4.2 Managing Network Settings

Access the router's web management page (<http://tplinkwifi.net>) to customize settings:

- **Change Wi-Fi Name/Password:** Navigate to Wireless > Wireless Settings to modify your SSID and password.
- **Guest Network:** Enable a separate network for guests under Guest Network settings to provide internet access without sharing your main network resources.
- **Parental Controls:** Set up time limits and content filtering for specific devices under Parental Controls.
- **QoS (Quality of Service):** Prioritize bandwidth for certain applications or devices to ensure smooth performance for critical tasks.

## 4.3 Security Features

The Archer AX10 includes robust security features:

- **WPA3 Encryption:** Ensures stronger encryption for your wireless network.
- **SPI Firewall:** Provides protection against common internet attacks.
- **Access Control:** Manage which devices can connect to your network.

## 5. MAINTENANCE

---

- **Firmware Updates:** Regularly check for and install firmware updates from the manufacturer's website (Tp-link) to ensure optimal performance, security, and new features. This can usually be done via the router's web management interface under System Tools > Firmware Upgrade.
- **Cleaning:** Keep the router in a well-ventilated area. Periodically clean the exterior with a soft, dry cloth to prevent dust buildup, which can affect performance. Do not use liquid cleaners.
- **Restarting:** If you experience network issues, a simple restart of the router (unplugging the power adapter for 10 seconds and plugging it back in) can often resolve them.

## 6. TROUBLESHOOTING

---

### 6.1 No Internet Connection

- Check if the WAN LED on the router is lit. If not, ensure the Ethernet cable from the modem is securely connected to the router's WAN port.
- Restart your modem and router.
- Verify your internet service provider (ISP) connection is active.

### 6.2 Slow Wi-Fi Speeds

- Ensure your devices are connected to the appropriate band (5 GHz for faster speeds, 2.4 GHz for wider coverage).
- Reduce interference by moving the router away from other electronic devices (microwaves, cordless phones).

- Check for firmware updates.
- Limit the number of devices simultaneously streaming or downloading.

### 6.3 Cannot Access Router's Web Management Page

- Ensure your device is correctly connected to the router (wired or wireless).
- Verify you are typing the correct address: <http://tplinkwifi.net> or <http://192.168.0.1>.
- Try clearing your browser's cache or using a different browser.
- Temporarily disable any firewall or antivirus software on your computer.

### 6.4 Factory Reset

If issues persist, you may need to perform a factory reset. This will erase all custom settings and restore the router to its default factory settings.

1. With the router powered on, use a paperclip or pin to press and hold the Reset button (usually located on the back or bottom) for about 5-10 seconds until the LEDs flash.
2. Release the button and wait for the router to restart. You will then need to reconfigure the router from scratch using the Quick Setup wizard.

## 7. SPECIFICATIONS

Feature	Detail
Model Name	Archer AX10 Wi-Fi 6 Router, AX1500 Dual Band
Item Model Number	ARCHER AX10
Brand	Generic
Product Dimensions	8.5 x 5 x 8.3 inches
Item Weight	12 ounces
Wireless Communication Standard	802.11ac (Wi-Fi 5), Wi-Fi 6 (AX1500)
Frequency Band Class	Dual-Band (2.4 GHz & 5 GHz)
Max Wireless Speed	Up to 1.5 Gbps (1201 Mbps on 5 GHz, 300 Mbps on 2.4 GHz)
Connectivity Technology	Wi-Fi, Ethernet
Ports	1 Gigabit WAN, 4 Gigabit LAN
Antennas	4 High-Gain External Antennas
Special Feature	MU-MIMO, Beamforming
Security Protocol	WPA3, SPI Firewall
Recommended Uses	Home Network

## 8. WARRANTY AND SUPPORT

---

For warranty information, technical support, and further assistance, please refer to the official website of the manufacturer, Tp-link. You can typically find FAQs, driver downloads, and contact information for customer service there.

Please retain your proof of purchase for warranty claims.