

Tenda U11 Pro

Tenda AX900 U11Pro WiFi 6 Dual-Band USB Adapter Instruction Manual

Model: U11 Pro

1. INTRODUCTION

The Tenda AX900 U11Pro is a high-performance WiFi 6 dual-band USB adapter designed to enhance your computer's wireless connectivity. It supports both 5GHz and 2.4GHz bands, offering faster speeds and improved signal stability. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your device.

Key Features:

- **Dual-Band WiFi 6:** Experience up to 600Mbps on the 5GHz band and 286Mbps on the 2.4GHz band, ideal for 4K streaming, online gaming, and video conferencing.
- **High-Gain Antenna:** Equipped with an external 6dBi omnidirectional antenna that can be rotated for optimal signal reception, significantly improving connectivity in areas with weak signals or interference.
- **Easy Setup:** Features preloaded drivers for quick installation on Windows 11/10/7.
- **AP Mode Support:** Convert your PC into a Wi-Fi hotspot (5GHz band only) to share your internet connection with up to 8 devices.
- **Wider Coverage:** Tenda's intelligent algorithm enhances wireless signal transmission for extended range and stability.

2. SETUP AND INSTALLATION

Follow these steps to install and configure your Tenda AX900 U11Pro WiFi Adapter.

2.1 Hardware Installation

1. **Insert the Adapter:** Plug the Tenda AX900 U11Pro WiFi Adapter into an available USB port on your desktop or laptop computer. Ensure it is securely connected.
2. **Adjust the Antenna:** Rotate the 6dBi omnidirectional antenna to an upright position or adjust it for the

best possible signal reception. The antenna offers multi-dimensional rotation for flexibility.



Figure 1: Tenda AX900 U11Pro WiFi Adapter and packaging.

Adjustable Antenna



Figure 2: Adjustable antenna for optimal signal.

2.2 Driver Installation (Windows)

For Windows 11/10/7, the adapter comes with preloaded drivers for instant setup. If the driver does not install automatically, follow these steps:

1. After inserting the adapter, a pop-up window may appear. If not, open 'This PC' or 'My Computer' and locate the 'Tenda' drive (similar to a USB storage device).
2. Double-click the 'Setup.exe' file within the Tenda drive to run the driver installation.
3. Follow the on-screen prompts to complete the installation.
4. Once the driver is installed, you can proceed to connect to a Wi-Fi network.

Your browser does not support the video tag.

Video 1: Demonstration of Tenda AX900 WiFi Adapter installation and setup on a laptop.

2.3 Driver Installation (Linux)

For Linux systems, you will need to download the appropriate driver from the official Tenda website. Refer to the video below for a detailed installation guide.

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Video 2: Linux Installation Guide for Tenda AX900 network adapter driver.

3. OPERATING INSTRUCTIONS

Once the adapter is installed, you can connect to a Wi-Fi network and utilize its features.

3.1 Connecting to a Wi-Fi Network

1. After successful driver installation, click on the Wi-Fi icon in your computer's taskbar (Windows) or network settings (Linux).
2. Select your desired Wi-Fi network from the list of available networks.
3. Enter the network password if prompted and click 'Connect'.
4. Your computer should now be connected to the Wi-Fi network via the Tenda AX900 U11Pro adapter.

AX900 FAST Speed



Figure 3: High-speed Wi-Fi connectivity with AX900 U11Pro.

3.2 AP Mode (Hotspot Function)

The AP Mode allows your computer to function as a Wi-Fi hotspot, sharing its internet connection with other devices. Note that AP Mode only supports the 5GHz band.

1. Ensure your computer has an active internet connection (e.g., via Ethernet or another Wi-Fi adapter).
2. Access your computer's network settings.
3. Locate the 'Mobile hotspot' or 'AP Mode' settings.
4. Configure the hotspot name (SSID) and password.
5. Enable the hotspot function. Up to 8 devices can connect to your computer's shared Wi-Fi network.

Two Flexible Working Modes



Figure 4: Two Flexible Working Modes: Station Mode and AP Mode.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Tenda AX900 U11Pro WiFi Adapter, consider the following maintenance tips:

- **Keep Clean:** Regularly clean the adapter's exterior with a soft, dry cloth. Avoid using liquid cleaners or solvents.
- **Protect from Damage:** Avoid physical impact, bending the USB connector, or excessive force on the antenna.

- **Proper Storage:** When not in use, store the adapter in a cool, dry place away from direct sunlight and extreme temperatures.
- **Software Updates:** Periodically check the official Tenda website for updated drivers or firmware to ensure compatibility and performance improvements.

5. TROUBLESHOOTING

If you encounter issues with your Tenda AX900 U11Pro WiFi Adapter, refer to the following common problems and solutions:

5.1 No Wi-Fi Connection or Frequent Disconnections

- **Check Adapter Connection:** Ensure the USB adapter is firmly plugged into a working USB port. Try a different USB port or a USB hub if available.
- **Driver Installation:** Verify that the drivers are correctly installed. Reinstall the drivers if necessary, following the steps in Section 2.
- **Disable Built-in Wi-Fi:** If your computer has a built-in wireless adapter, disable it to prevent conflicts. Go to Network & Internet settings, then 'Change adapter options', right-click on the built-in wireless adapter, and select 'Disable'.
- **Antenna Position:** Adjust the antenna's angle and direction to optimize signal reception.
- **Router Distance/Interference:** Move closer to your Wi-Fi router or minimize physical obstructions (walls, large appliances) between the adapter and the router.

5.2 Slow Wi-Fi Speed

- **Check Band:** Ensure you are connected to the 5GHz band for higher speeds if your router supports it and your device is within range. The 2.4GHz band offers wider coverage but lower speeds.
- **Minimize Interference:** Other electronic devices (microwaves, cordless phones) can interfere with Wi-Fi signals. Try to move them away from your adapter and router.
- **Router Performance:** Ensure your router is functioning optimally and is not overloaded with too many connected devices.
- **Driver Update:** Check for and install the latest drivers for your adapter from the Tenda website.

6. SPECIFICATIONS

Feature	Description
Model Number	U11 Pro
Brand	Tenda
Wireless Standard	WiFi 6 (AX900)
Frequency Bands	2.4GHz, 5GHz
Data Transfer Rate	Up to 600Mbps (5GHz), Up to 286Mbps (2.4GHz)
Antenna Type	6dBi High-Gain Omnidirectional
Hardware Interface	USB 2.0
Compatible OS	Windows 11/10/7, Linux

Product Dimensions	2.32 x 0.79 x 8.11 inches
Item Weight	1.06 ounces (30 Grams)

7. WARRANTY INFORMATION

Tenda products typically come with a manufacturer's warranty. Please refer to the product packaging or the official Tenda website for specific warranty terms and conditions applicable to your region. Keep your purchase receipt as proof of purchase for warranty claims.

8. SUPPORT

For further assistance, technical support, or any questions regarding your Tenda AX900 U11Pro WiFi Adapter, please contact Tenda support using the information below:

- **Email:** support.usa@tenda.cn
- **Phone:** [+1 800-570-5892](tel:+18005705892)