

TP-Link Archer T2U

TP-Link Archer T2U AC600 USB WiFi Adapter User Manual

Dual Band 2.4G/5G Wireless Network Card

1. PRODUCT OVERVIEW

The TP-Link Archer T2U is an 802.11ac dual-band USB WiFi adapter designed to provide fast and reliable wireless connectivity for your desktop PC or laptop. It offers wireless speeds of up to 433Mbps on the 5GHz band and 150Mbps on the 2.4GHz band, making it suitable for various online activities.

The 5GHz band (433Mbps) is ideal for bandwidth-intensive tasks such as HD video streaming and lag-free online gaming. The 2.4GHz band (150Mbps) is suitable for general internet use like web browsing and email.

Its mini design ensures it is unobtrusive when plugged into a USB port.



Figure 1: TP-Link Archer T2U USB WiFi Adapter

2. PACKAGE CONTENTS

- AC600 Wireless Dual-band USB Adapter (Archer T2U)
- Quick Installation Guide
- Resource CD

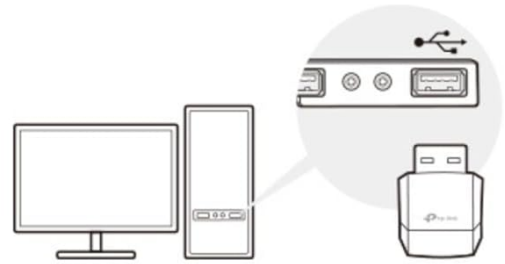
3. SETUP AND INSTALLATION

Follow these steps to install your TP-Link Archer T2U USB WiFi Adapter:

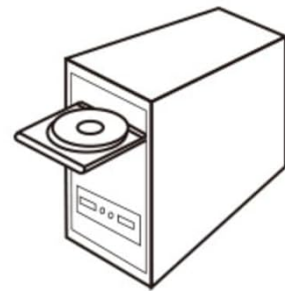
1. **Insert the Adapter:** Plug the Archer T2U adapter directly into an available USB port on your computer.
2. **Install Software:** Install the necessary drivers and utility software from the included Resource CD. If your computer does not have a CD drive, you can download the latest drivers from the official TP-Link website: <https://www.tp-link.com/en/download/Archer-T2U.html#Driver>.
3. **Connect to Network:** After driver installation, scan for available wireless networks on your computer and connect to your desired Wi-Fi network using the provided password.

Easy Set Up

- 1 Insert the adapter into a USB port on your computer directly



- 2 Install the software with the include CD or download from <https://www.tp-link.com/en/download/Archer-T3U.html#Driver>



- 3 Scan for the available networks and connect to finish the installation



Figure 2: Easy Setup Steps

System Compatibility

The Archer T2U supports a wide range of operating systems:

- Windows (XP/7/8/8.1/10)
- Mac OS (10.7 to 10.14)

4. OPERATING INSTRUCTIONS

Once installed, the Archer T2U adapter will allow your computer to connect to Wi-Fi networks. The adapter automatically detects available networks and allows you to choose between 2.4GHz and 5GHz bands for optimal performance.

Dual Band Operation

The Archer T2U utilizes dual-band technology to provide flexible connectivity options:

- **2.4GHz Band (up to 150Mbps):** Offers wider coverage and is suitable for general internet use, email, and

social media.

- **5GHz Band (up to 433Mbps):** Provides faster speeds and is ideal for HD video streaming, online gaming, and large file downloads, with less interference.

Your operating system's network settings will allow you to select the preferred band if both are available from your router.

Enhance Wi-Fi Connection for More Needs

The Archer T2U receives Wi-Fi signals on two separate bands. Supporting 256QAM technology increases 2.4GHz data rate from 150Mbps to 200Mbps for 33% faster performance. 433Mbps on 5GHz is ideal for HD video streaming and lag-free online gaming, while 200Mbps on 2.4GHz is perfect for normal use such as web surfing with legacy devices.

433Mbps 5GHz



200Mbps 2.4GHz



Figure 3: Dual Band Connection Enhancement



Figure 4: Adapter in use with a laptop

5. FEATURES

- **Dual Band Wi-Fi:** Supports 5GHz (433Mbps) and 2.4GHz (150Mbps) bands for flexible connectivity.
- **AC600 Standard:** Utilizes the 802.11ac Wi-Fi standard for faster speeds than Wireless N.
- **Mini Design:** Compact size for convenient portability and discreet use.
- **Hotspot Functionality:** Easily establish a high-speed Wi-Fi hotspot.
- **MU-MIMO Support:** Enhances throughput when used with a MU-MIMO compatible router, allowing multiple devices to receive data simultaneously.

Boosted Throughput with MU-MIMO



Figure 5: Boosted Throughput with MU-MIMO

6. SPECIFICATIONS

| Feature | Detail |
|--------------------------|---|
| Wireless Type | 802.11a/b/g/n/ac |
| Data Transfer Rate | 600 Mbps (433Mbps on 5GHz, 150Mbps on 2.4GHz) |
| Interface | USB 2.0 |
| Operating System Support | Windows (XP/7/8/8.1/10), Mac OS (10.7~10.14) |

| | |
|--------------------|--|
| Dimensions (LxWxH) | 1.61 x 0.75 x 0.34 inches (41 x 19.5 x 8.7 mm) |
| Item Weight | 3.2 ounces |
| Security | WEP, WPA/WPA2, WPA-PSK/WPA2-PSK |

7. TROUBLESHOOTING

If you encounter issues with your Archer T2U adapter, consider the following:

- **Adapter Not Detected:** Ensure the adapter is firmly plugged into a working USB port. Try a different USB port.
- **Driver Installation Issues:** Verify that the correct drivers for your operating system are installed. Reinstall drivers from the provided CD or the TP-Link website.
- **No Wi-Fi Connection:** Check if your router is powered on and broadcasting a Wi-Fi signal. Ensure you have entered the correct Wi-Fi password.
- **Slow Speeds:**
 - Ensure you are connected to the 5GHz band if your router supports it and you are within close range.
 - Reduce interference by moving closer to your router or away from other electronic devices.
 - Update your router's firmware.
- **Intermittent Connection:** This could be due to signal interference or an outdated driver. Try updating drivers or changing the Wi-Fi channel on your router.

8. WARRANTY AND SUPPORT

The TP-Link Archer T2U USB WiFi Adapter comes with a **2-year warranty**. TP-Link also provides **free 24/7 technical support** for this product.

For further assistance, driver downloads, or to contact technical support, please visit the official TP-Link support website: <http://www.tp-link.com/support>.