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› TP-Link AC600 USB WiFi Adapter (Archer T2U Plus) User Manual

TP-Link Archer T2U Plus

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Model: Archer T2U Plus

Brand: TP-Link

1. PRODUCT OVERVIEW

The TP-Link AC600 USB WiFi Adapter (Archer T2U Plus) is designed to provide fast and stable wireless connectivity to your desktop or laptop computer. It supports dual-band Wi-Fi (2.4GHz and 5GHz) and features a high-gain, adjustable antenna for enhanced signal reception and transmission.



Figure 1: TP-Link AC600 USB WiFi Adapter (Archer T2U Plus)

Key Features:

- **Long Range Adapter:** Provides extended range and lag-free connections, upgrading your device to 802.11ac standards for faster speeds.
- **Smooth, Lag-Free Connections:** Achieves Wi-Fi speeds up to 200 Mbps on 2.4 GHz and 433 Mbps on 5 GHz, ensuring enjoyable web surfing, gaming, and streaming.
- **Dual-Band 2.4 GHz and 5 GHz:** Offers flexible connectivity to utilize the latest routers for improved speeds and range. Supports WEP, WPA/WPA2, WPA-PSK/WPA2-PSK wireless security.
- **5dBi High Gain Antenna:** Significantly enhances Wi-Fi signal strength for better reception and transmission.
- **Adjustable, Multi-Directional Antenna:** Can be rotated 180° and 90° to optimize signal reception and performance.
- **Universal Compatibility:** Supports Windows 11/10/8.1/8/7/XP and Mac OS X 10.9-10.14.

- **Easy Setup:** Features a user-friendly interface for straightforward installation.

2. WHAT'S IN THE BOX

Upon opening the package, you should find the following items:

- TP-Link Archer T2U Plus USB WiFi Adapter
- Quick Installation Guide
- Resource CD (containing drivers and utility)



Figure 2: Package Contents

3. SETUP GUIDE

Follow these steps to set up your TP-Link AC600 USB WiFi Adapter:

3.1. Physical Connection

1. Locate an available USB port on your desktop or laptop computer.
2. Insert the Archer T2U Plus USB WiFi Adapter firmly into the USB port. Ensure the antenna is oriented for optimal signal reception, typically pointing towards your Wi-Fi router.



Figure 3: Connecting the Adapter

3.2. Driver Installation

For most modern operating systems (Windows 10/11, Mac OS), the adapter may be plug-and-play, automatically installing necessary drivers. However, manual installation might be required or recommended for optimal performance.

1. **Using the Resource CD:** Insert the included Resource CD into your computer's CD/DVD drive. Follow the on-screen instructions to install the drivers and utility.
2. **Downloading from TP-Link Website:** If your computer does not have a CD/DVD drive, or for the latest drivers, visit the official TP-Link website (www.tp-link.com/en/download-center/). Search for "Archer T2U Plus" and download the appropriate drivers for your operating system (Windows or Mac OS).
3. Run the downloaded installer and follow the prompts. A system reboot may be required after installation.

3.3. Official Setup Video

Your browser does not support the video tag.

Video: USB Wireless Adapter Setup. This video provides a step-by-step guide on how to install the TP-Link USB Wireless Adapter.

4. OPERATING THE ADAPTER

4.1. Connecting to a Wi-Fi Network

1. After successful driver installation, click on the Wi-Fi icon in your computer's system tray (Windows) or menu bar (Mac OS).
2. Select your desired Wi-Fi network from the list of available networks.
3. Enter the network security key (password) if prompted, and click "Connect" or "Join".
4. Your computer should now be connected to the Wi-Fi network via the Archer T2U Plus adapter.

4.2. Optimizing Performance

- **Antenna Adjustment:** Rotate the multi-directional antenna to face your router. This can significantly improve signal strength and overall performance, especially in areas with weaker signals.
- **Dual-Band Selection:** If your router supports both 2.4GHz and 5GHz bands, connect to the 5GHz band for faster speeds and less interference, especially for activities like online gaming or streaming. Use the 2.4GHz band for longer range and better penetration through walls.
- **Placement:** Position your computer and the adapter in an open area, away from obstructions like large metal objects, thick walls, or other electronic devices that might cause interference.

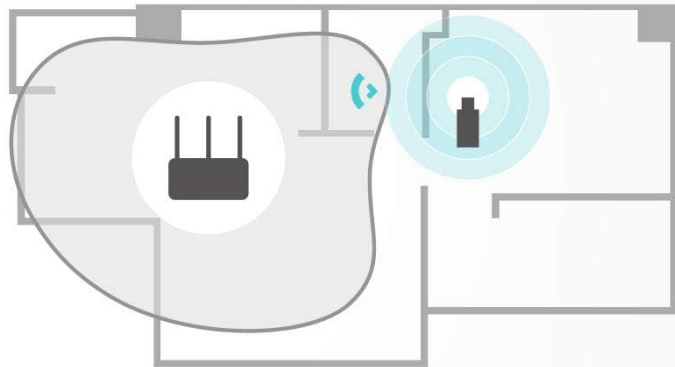
Increased Range

Enjoy a strong & stable WiFi connection throughout your home

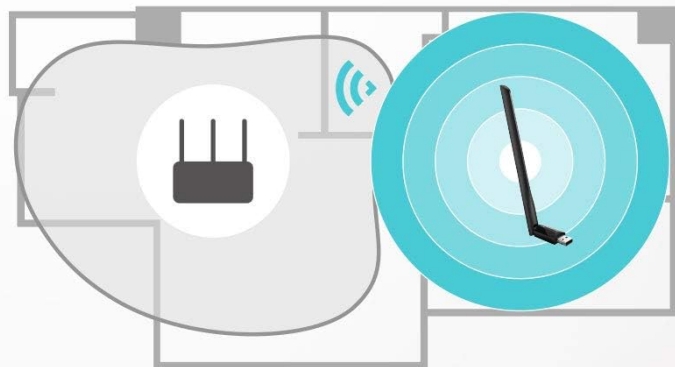


5dBi High Gain Antenna

Regular Adapter - Regular Antenna



Archer T2U Plus - High Gain Antenna



- Router Wi-Fi Range
- Adapter Wi-Fi Range

Figure 4: Increased Range with High Gain Antenna

Convenient Compatibility

The Archer T2U Plus supports both
Windows & Mac OS



Figure 5: Adjustable, Multi-Directional Antenna

5. MAINTENANCE

- **Keep Drivers Updated:** Regularly check the TP-Link website for the latest drivers for your operating system. Updated drivers can improve performance, stability, and security.
- **Cleanliness:** Keep the adapter and its USB port free from dust and debris to ensure proper connection and prevent overheating.
- **Proper Handling:** Avoid bending or applying excessive force to the adapter or its antenna to prevent physical damage.

6. TROUBLESHOOTING

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

- **Intermittent Disconnections:**

- Ensure the adapter is firmly seated in the USB port.
- Try a different USB port on your computer.
- Update the adapter's drivers from the TP-Link website.
- Adjust the antenna's position to optimize signal.
- Check for interference from other electronic devices.

- **Driver Installation Issues:**

- If the included CD is not working or your computer lacks a drive, download drivers directly from the TP-Link support website.
- Ensure your operating system is fully updated before attempting driver installation.
- Temporarily disable antivirus software during installation if it interferes.

- **No Wi-Fi Networks Detected:**

- Verify that the adapter is correctly installed and its drivers are up-to-date.
- Check if your router is powered on and broadcasting a Wi-Fi signal.
- Ensure your computer's Wi-Fi is enabled.

7. SPECIFICATIONS

Feature	Detail
Product Dimensions	2.28 x 0.71 x 6.83 inches
Item Weight	0.64 ounces
Model Number	Archer T2U plus
Hardware Interface	USB
Color	Black
Compatible Devices	Laptop, Desktop
Data Transfer Rate	600 Megabits Per Second
Compatible Operating System Family	MacOS, Windows
UPC	840030700033

8. WARRANTY AND SUPPORT

For detailed warranty information and technical support, please refer to the official TP-Link website or the documentation included with your product.

Legal Disclaimer: *Maximum wireless transmission rates are the physical rates derived from IEEE Standard 802.11 specifications. Range and coverage specifications are based upon test results under normal usage conditions. Actual wireless transmission rate and wireless coverage are not guaranteed, and will vary as a result of 1) environmental factors, including building materials, physical objects and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead and 3) client limitations, including rated performance, location, connection quality, and client condition. **To ensure compatibility, you may need to update the adapter's drivers after an OS update. You can find our latest drivers in the download center at tp-link.com/en/download-center.

For further assistance, you can visit the TP-Link Store on Amazon or consult the User Guide (PDF) and User Manual (PDF) available online.