

Manuals.plus /

› WISE TIGER /

› WISE TIGER WT-AC1607 Dual Band Wireless USB WiFi Adapter User Manual

WISE TIGER WT-AC1607

WISE TIGER WT-AC1607 Dual Band Wireless USB WiFi Adapter User Manual

Model: WT-AC1607

1. INTRODUCTION

This manual provides instructions for the installation, operation, and troubleshooting of your WISE TIGER WT-AC1607 Dual Band Wireless USB WiFi Adapter. This device allows your computer to connect to wireless networks using 802.11ac technology, supporting both 2.4GHz and 5GHz frequency bands.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 × WISE TIGER WT-AC1607 WiFi Adapter
- 1 × Detachable Antenna
- 1 × Driver CD
- 1 × User Manual (this document)

3. PRODUCT OVERVIEW

The WISE TIGER WT-AC1607 is a compact USB WiFi adapter designed for enhanced wireless connectivity. It features a detachable external antenna for improved signal reception.



Figure 1: WISE TIGER WT-AC1607 Dual Band Wireless USB WiFi Adapter. The image displays the black USB adapter with a gold-colored USB connector and a black detachable external antenna attached.

4. SETUP AND DRIVER INSTALLATION

Important: Install the driver software **before** inserting the USB WiFi adapter into your computer.

1. **Insert Driver CD:** Insert the provided driver CD into your computer's CD/DVD drive. If your computer does not have a CD/DVD drive, please download the latest driver from the official WISE TIGER website.
2. **Run Setup:** Navigate to the CD drive (or downloaded folder) and locate the "setup.exe" file. Double-click to run the installer and follow the on-screen prompts to complete the driver installation.
3. **Insert WiFi Adapter:** Once the driver installation is complete, insert the WISE TIGER WT-AC1607 USB WiFi Adapter into an available USB 2.0 port on your computer.
4. **Connect Antenna:** Ensure the detachable antenna is securely screwed onto the adapter.
5. **Verification:** The adapter should be automatically recognized by your operating system. You can verify successful installation in your computer's Device Manager (Windows) or System Information (Mac).

Note: If you encounter issues with the CD driver, please visit the official WISE TIGER website for the latest

driver downloads.

5. OPERATING INSTRUCTIONS

After successful driver installation and adapter insertion, you can connect to a wireless network.

1. Access Network Settings:

- **Windows:** Click the network icon in the system tray (usually bottom-right corner).
- **Mac OS:** Click the Wi-Fi icon in the menu bar (usually top-right corner).

2. **Select Network:** A list of available wireless networks will appear. Select your desired network (SSID).

3. **Enter Password:** If the network is secured, enter the Wi-Fi password (security key) when prompted.

4. **Connect:** Click "Connect" to establish the wireless connection.

Dual Band Functionality (2.4GHz vs. 5GHz):

- **2.4GHz Band:** Offers wider coverage and better penetration through walls. Suitable for general web browsing and online chatting.
- **5GHz Band:** Provides faster speeds and less interference, ideal for HD video streaming, online gaming, and large file transfers. This band typically has a shorter range.

Your router may broadcast separate SSIDs for 2.4GHz and 5GHz (e.g., "MyWiFi_2.4G" and "MyWiFi_5G"). Choose the band that best suits your needs.

6. MAINTENANCE

To ensure optimal performance and longevity of your WISE TIGER WT-AC1607 WiFi Adapter:

- Keep the adapter clean and free from dust.
- Avoid exposing the adapter to extreme temperatures or humidity.
- Do not attempt to disassemble or modify the adapter.
- Ensure the antenna is securely attached but do not overtighten.

7. TROUBLESHOOTING

If you encounter issues with your WiFi adapter, please refer to the following common solutions:

• No WiFi Networks Detected:

- Ensure the adapter is properly inserted into a USB port.
- Verify that the drivers are correctly installed. Check Device Manager (Windows) or System Information (Mac).
- Restart your computer.
- Check if your router is broadcasting a Wi-Fi signal.

• Slow Connection Speed:

- Try connecting to the 5GHz band if available, as it generally offers faster speeds.
- Ensure your computer is within optimal range of your wireless router.
- Minimize interference from other electronic devices.
- Update your router's firmware.

- **Connection Drops Frequently:**

- Relocate your computer closer to the router or adjust the adapter's antenna.
- Ensure your drivers are up to date.
- Check for conflicting software or network settings.

If problems persist, please contact WISE TIGER customer support.

8. SPECIFICATIONS

Feature	Detail
Standard	IEEE 802.11a/b/g/n and 802.11ac
Frequency Range	2.412GHz - 2.4835GHz, 5.15 GHz - 5.825 GHz
Antenna	External, Detachable, 2dBi Omni-directional
Interface	USB 2.0
Security Encryption	WPS, 64/128bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Supported Operating Systems	Windows 2000/XP/Vista/7/8.1/10 (32-bit/64-bit), Mac OS X 10.4-10.13
Data Transfer Rate	Up to 600Mbps (433Mbps on 5GHz, 150Mbps on 2.4GHz)
Dimensions (L x W x H)	16.8 x 2 x 6 Centimetres (approximate)
Item Weight	60 g (approximate)

9. WARRANTY AND SUPPORT

WISE TIGER offers a **2-year warranty** for the AC600Mbps USB WiFi dongle. For any technical assistance, setup issues, or warranty claims, please contact WISE TIGER customer support.

You can reach us via Amazon message or through the contact information provided on the official WISE TIGER website. We aim to resolve issues within 24 hours.