

Dohaeris AC1300

Dohaeris AC1300 Dual Band USB WiFi and Bluetooth 5.0 Adapter User Manual

1. INTRODUCTION

Thank you for choosing the Dohaeris AC1300 Dual Band USB WiFi and Bluetooth 5.0 Adapter. This device provides high-speed wireless internet connectivity and Bluetooth functionality for your laptop or desktop computer. Please read this manual carefully to ensure proper installation and operation.

2. PRODUCT OVERVIEW

The Dohaeris AC1300 is a 2-in-1 USB adapter that combines dual-band WiFi (2.4GHz and 5.8GHz) with Bluetooth 5.0 technology. It is designed to offer fast and stable wireless connections for various applications, from internet browsing to connecting wireless peripherals.



Image 2.1: The Dohaeris AC1300 Dual Band USB WiFi and Bluetooth 5.0 Adapter, showcasing its compact design and dual functionality.

2 IN 1

2.4G/5G WiFi + BT 5.0

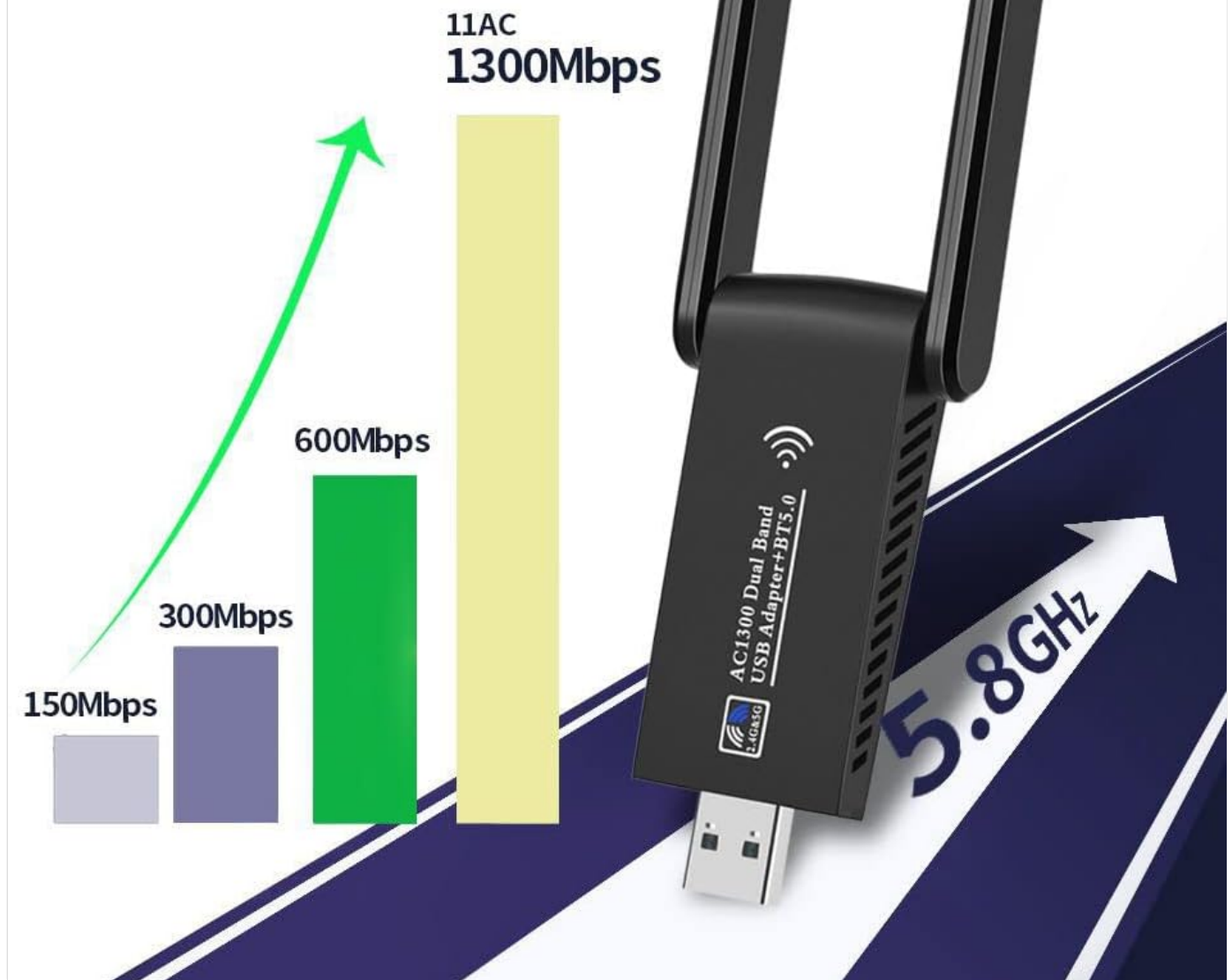


Image 2.2: Visual representation of the AC1300 adapter's superior speed compared to older WiFi standards.

3. FEATURES

- **Dual Band WiFi:** Supports 2.4GHz (up to 400Mbps) and 5.8GHz (up to 867Mbps) for a total of 1300Mbps.
- **Bluetooth 5.0:** Provides stable and fast connectivity for Bluetooth-enabled devices.
- **USB 3.0 Interface:** Ensures high-speed data transfer for both WiFi and Bluetooth functions.
- **External Antennas:** Dual antennas with 5dBi gain support 180° rotation for enhanced signal strength and coverage.
- **Wide Compatibility:** Supports Windows 7/8/10/11 operating systems.
- **Chipset:** Equipped with the Realtek RTL8822BU chipset.

DUAL ANTENNA, SIGNAL STRONGER

Support 180° free rotation, ensure stable WiFi transmission/reception between adapter and router



Signal through



180° rotation

Automatically select smoothest network frequency band

Image 3.1: The dual antenna design, illustrating its 180-degree rotation capability for optimized signal reception.

Bluetooth 5.0

Play anytime with bluetooth



Image 3.2: The adapter's Bluetooth 5.0 capability connecting to a range of devices such as keyboards, mice, printers, gamepads, speakers, and headphones.

4. PACKAGE CONTENTS

- Dohaeris AC1300 Dual Band USB WiFi and Bluetooth 5.0 Adapter
- Driver CD

5. SETUP INSTRUCTIONS

Follow these steps to install your Dohaeris AC1300 adapter:

1. **Insert the Driver CD:** Place the included driver CD into your computer's CD-ROM drive. If your computer does not

have a CD-ROM drive, you may need to download the drivers from the manufacturer's website (if available) or use a different computer to transfer them.

2. **Install Drivers:** Run the setup program from the CD. Follow the on-screen instructions to install the necessary WiFi and Bluetooth drivers. Restart your computer if prompted.
3. **Connect the Adapter:** Plug the Dohaeris AC1300 USB adapter into an available USB 3.0 port on your computer. For optimal performance, use a USB 3.0 port (usually blue inside).
4. **Verify Installation:** After plugging in the adapter, your computer should recognize the new hardware. Check your Device Manager to ensure both the WiFi and Bluetooth components are installed correctly and functioning without errors.



Image 5.1: Supported operating systems for WiFi (Windows XP/Vista/7/8/10/11, Mac OS 10.9-10.15) and Bluetooth (Windows 7/8/8.1/10/11).

6. OPERATING INSTRUCTIONS

6.1. WiFi Connection

1. Ensure the adapter is plugged into your computer.
2. Click on the WiFi icon in your system tray (usually in the bottom right corner of the screen).
3. Select your desired wireless network (SSID) from the list of available networks.
4. Enter the network security key (password) if prompted.
5. Click 'Connect'. Your computer should now be connected to the internet via WiFi.

6.2. Bluetooth Connection

1. Ensure the adapter is plugged in and Bluetooth drivers are installed.
2. Go to your computer's Bluetooth settings (e.g., in Windows, navigate to Settings > Devices > Bluetooth & other devices).
3. Turn on Bluetooth.
4. Put your Bluetooth device (e.g., headphones, mouse) into pairing mode.
5. Click 'Add Bluetooth or other device' on your computer and select 'Bluetooth'.
6. Select your device from the list and follow any on-screen prompts to complete the pairing process.

7. MAINTENANCE

- Keep the adapter clean and free from dust.
- Avoid exposing the adapter to extreme temperatures or humidity.
- Do not attempt to disassemble or repair the adapter yourself. This may void your warranty.
- Ensure drivers are up-to-date for optimal performance and security.

8. TROUBLESHOOTING

8.1. WiFi Not Connecting or Slow

- **Check Driver Installation:** Ensure the WiFi drivers are correctly installed. Reinstall if necessary.
- **Verify Adapter Connection:** Make sure the adapter is securely plugged into a USB 3.0 port.
- **Router Distance:** Move closer to your wireless router or adjust the adapter's antennas for better signal.
- **Frequency Band:** Try connecting to the 2.4GHz band if the 5.8GHz band is unstable, or vice-versa.
- **Router Settings:** Ensure your router is broadcasting a WiFi signal and its settings are compatible (e.g., 802.11ac mode enabled).

8.2. Bluetooth Not Working

- **Check Driver Installation:** Confirm Bluetooth drivers are installed and enabled in Device Manager.
- **Enable Bluetooth:** Ensure Bluetooth is turned on in your computer's settings.
- **Device Pairing:** Make sure your Bluetooth device is in pairing mode and within range (up to 10 meters).
- **Interference:** Keep the adapter away from other wireless devices that might cause interference.

9. SPECIFICATIONS



Image 9.1: A detailed view of the adapter's internal chipset, identifying it as the Realtek RTL8822BU.

Feature	Detail
Model	AC1300
Main Chipset	RTL8822BU
Wireless Protocols	IEEE 802.11ac/a/b/g/n
WiFi Speed (2.4GHz)	Up to 400Mbps
WiFi Speed (5.8GHz)	Up to 867Mbps
Bluetooth Version	V5.0
Interface	USB 3.0
Antenna Gain	5dBi

Feature	Detail
Transmission Distance (Bluetooth)	Up to 10 meters
RF Power	10dBm (max)
Supported OS	Windows 7/8/10/11
Product Material	ABS Plastic Casing + Nickel-plated USB Head
Color	Black
Dimensions (L x W x H)	17.8 x 10.2 x 2.5 cm
UPC/GTIN	795930933688

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your proof of purchase for any warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

