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> [DragoBud AX900Mbps USB WiFi 6 Adapter with Bluetooth 5.4 Dongle Instruction Manual \(Model AX913\)](#)

DragoBud AX913

DragoBud AX900Mbps USB WiFi 6 Adapter with Bluetooth 5.4 Dongle

Model: AX913

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and troubleshooting of your DragoBud AX900Mbps USB WiFi 6 Adapter with Bluetooth 5.4 Dongle. Please read this manual thoroughly before using the device to ensure optimal performance and proper handling.

WHAT'S IN THE BOX

- 1x DragoBud AX900Mbps USB WiFi 6 Adapter

KEY FEATURES

- **Wi-Fi 6 AX900:** Supports Wi-Fi 6 (802.11ax) with backward compatibility (802.11 ac/a/b/g/n). Delivers dual-band speeds up to 600 Mbps on 5GHz and 287 Mbps on 2.4GHz. Features advanced internal chips and dual 2dBi antennas for stable, long-range coverage.
- **Multi-Device Bluetooth 5.4 Connectivity:** Connects up to 7 devices simultaneously (PC, laptop, smartphone, wireless headphones, Bluetooth speakers, keyboards, printers). Offers a 65-foot range with backward compatibility (5.3/5.2/5.0/4.0). Low-latency technology ensures lag-free gaming and clear audio with automatic reconnection.
- **2-in-1 WiFi Receiver & Hotspot Mode:** Functions as a WiFi receiver to connect to a router or as an Access Point (AP) to create a WiFi hotspot from a wired connection. Ideal for travel, emergency networking, and internet sharing.
- **Plug-and-Play Built-in Driver Installation:** Automatic installation on Windows 10/11 without requiring a CD or downloads. Simply plug into a USB port to connect. Supports Windows 7/10/11 for WiFi; Bluetooth requires Windows 10+. Not compatible with macOS, Linux, or Windows 8/8.1/XP.
- **WPA3 Security:** Supports WPA3 encryption, an advanced security protocol for network information protection.

- **Ultra-Compact External Design:** Portable size (1.25" × 0.6" × 0.3") suitable for travel and desktop use.

SYSTEM COMPATIBILITY

The DragoBud AX913 adapter is compatible with the following operating systems:

- **WiFi Function:** Windows 7, Windows 10, Windows 11
- **Bluetooth Function:** Windows 10, Windows 11

Note: This device is NOT compatible with macOS, Linux, Windows 8/8.1, or Windows XP.

System Compatibility

WiFi function compatible with system 7/10/11, Bluetooth is only supported on Windows 11/10.



			
	Windows 7	Windows 10	Windows 11
	✓	✓	✓
2.4Ghz			
			
	Mac OS	Linux	chrome OS
	✗	✗	✗
5Ghz			
			TV
			✗

Image: System compatibility chart showing support for Windows 7, 10, 11 for WiFi, and Windows 10, 11 for Bluetooth. macOS, Linux, Chrome OS, and TV are marked as incompatible.

SETUP AND INSTALLATION

1. Physical Connection

Insert the DragoBud AX913 USB adapter into an available USB port on your desktop or laptop computer. The adapter features a compact design, ensuring it does not obstruct adjacent ports.



Image: The DragoBud AX913 USB WiFi 6 Adapter is shown plugged into the USB port of a laptop, with a blue light indicating activity and a WiFi signal icon.

2. Driver Installation (Windows 10/11 Plug-and-Play)

For Windows 10 and Windows 11, the driver installation is automatic. Simply plug the adapter into a USB port, and the system will detect and install the necessary drivers. A work indicator light on the adapter will illuminate once the WiFi connection is established.

Your browser does not support the video tag.

Video: A tutorial demonstrating the USB WiFi 6 adapter driver installation process on a Windows computer. It shows plugging in the adapter, the automatic driver detection, and connecting to a WiFi network.

3. Driver Installation (Windows 7 or Manual Installation)

If the driver does not install automatically, or for Windows 7, follow these steps:

1. Plug the USB WiFi 6 adapter into your computer's USB port.
2. Open 'This PC' (or 'My Computer') and locate the virtual CD drive (e.g., 'REALTEK (E:)').
3. Double-click the drive to open it, then navigate to the 'Windows' folder.
4. Run the 'WiFiAutoInstallSetup' application.
5. Follow the on-screen prompts to complete the installation. You may need to restart your computer.

Driver free and simplified installation

Built in wireless network card driver, the computer does not require an optical drive, and can be automatically installed by inserting the computer USB interface, saving time and effort, and being minimalist and free.

 **No need for CD**  **No need to download**  **Click to install**

Image: Visual guide showing the steps to install the WiFi adapter driver, including locating the virtual drive and running the setup file.

OPERATING INSTRUCTIONS

1. Connecting to a WiFi Network (Receiver Mode)

Once the driver is installed, the adapter will function as a WiFi receiver. To connect to a network:

1. Click the WiFi icon in your system tray (bottom-right corner of the screen).
2. Select your desired WiFi network from the list.

3. Enter the network security key (password) if prompted.
4. Click 'Connect'. Your computer should now be connected to the internet.

Wireless network card WiFi reception + AP sharing

Receiving WiFi



Schematic diagram of the wireless card receiving WiFi



Transmitting WiFi



Schematic diagram of the wireless card transmitting WiFi



ps: The transmission principle is to simulate the actual speed of the AP and slightly compare it with the router

Image: A schematic diagram illustrating the WiFi adapter in both receiving WiFi mode (connecting to a router) and transmitting WiFi mode (creating a hotspot).

2. Creating a WiFi Hotspot (AP Mode)

The adapter can also convert a wired internet connection into a WiFi hotspot:

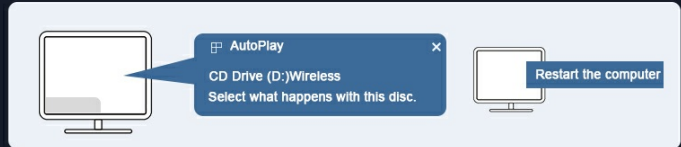
1. Ensure your computer has a wired internet connection.
2. Access your computer's network settings (e.g., 'Settings' > 'Network & Internet' > 'Mobile hotspot').
3. Enable the 'Mobile hotspot' feature.
4. Configure the network name (SSID) and password for your new hotspot.
5. Other devices can now connect to your computer's WiFi hotspot.

WiFi Adapter Installation Steps

Step 1: Insert the wireless network card.



Step 2: the driver will pop up automatically, install it, and restart the computer.



Step 3: If the driver doesn't auto-launch, go to "This pc" → double-click "Wireless" to install.



Step 4: Select your Wi-Fi name and enter the password to get started.



Image: A diagram showing a laptop transmitting WiFi, allowing multiple mobile devices to connect, illustrating the hotspot functionality.

3. Pairing Bluetooth Devices

To connect Bluetooth devices to your computer using the adapter:

1. Ensure your computer's built-in Bluetooth (if any) is disabled via Device Manager to avoid conflicts.
2. Right-click the Bluetooth icon on the taskbar and select 'Add a Bluetooth Device'.
3. Put your Bluetooth device (e.g., headphones, mouse, keyboard) into pairing mode.
4. Select your device from the list and follow any on-screen prompts to complete pairing.

Bluetooth for simultaneous connection of multiple devices

Bluetooth 5.4 version, with lower power consumption and smaller latency, supports simultaneous connection of 7 devices



Image: A diagram illustrating multiple Bluetooth devices (printer, keyboard, mouse, phone, audio, earphone) simultaneously connected to a computer via the Bluetooth 5.4 adapter.

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.

TROUBLESHOOTING

1. WiFi Connection Issues

- **No WiFi Networks Detected:** Ensure the adapter is properly inserted into a USB port and its drivers are

installed. Check your computer's Device Manager to confirm the adapter is recognized and enabled.

- **Slow Speeds:** Ensure you are connecting to the appropriate band (5GHz for higher speeds, 2.4GHz for longer range). Check for interference from other devices or physical obstructions.
- **Frequent Disconnections:** Try moving closer to your WiFi router. Ensure your router firmware is up to date.

2. Bluetooth Connection Issues

- **Device Not Found:** Ensure your Bluetooth device is in pairing mode and within range.
- **Cannot Connect:** If your computer has built-in Bluetooth, disable it in Device Manager before using the adapter to prevent conflicts.
- **Audio Lag/Stuttering:** Reduce the distance between the adapter and the Bluetooth audio device. Ensure no other devices are causing interference.

Your browser does not support the video tag.

Video: A troubleshooting guide for Bluetooth connection issues, specifically demonstrating how to disable a PC's built-in Bluetooth device to avoid conflicts with the adapter.

SPECIFICATIONS

Feature	Detail
Model Number	AX913
Product Dimensions	1.25 x 0.6 x 0.3 inches
Item Weight	0.634 ounces
Hardware Interface	Bluetooth 5, USB 2.0
Data Link Protocol	Bluetooth, IEEE 802.11 ax/ac/a/b/g/n
Data Transfer Rate	900 Megabits Per Second
Compatible Operating System Family	Windows
Minimum Required Operating System Version	Windows 7

WARRANTY AND SUPPORT

This product includes a 30-day money-back guarantee and a 12-month replacement warranty. For technical support or warranty claims, please contact DragoBud customer service through the retailer where the product was purchased.

Manufacturer: DragoBud