



**Contents** [ [hide](#) ]

- [1 DERAPID AX900 Wi-Fi USB Adapter](#)
- [2 Overview](#)
- [3 Product Introduction](#)
- [4 Specifications](#)
- [5 Product Usage Instructions](#)
- [6 Frequently Asked Questions](#)
- [7 Documents / Resources](#)
  - [7.1 References](#)

**DERAPID**

## DERAPID AX900 Wi-Fi USB Adapter



## Overview

- **Wi-Fi Supported Frequency:**2.4G & 5G
- **Wireless Protocol:**802.11n,802.11ax(802.11ax),802.11a/g,802.11ac
- **Certification:** CE
- **Wi-Fi Supported Frequency:** 2.4G & 5G
- **Wireless Protocol:**802.11n,802.11ax(802.11ax),802.11a/g,802.11ac
- **Certification:** CE
- **Package:** Yes
- **Model Number:** DE-AX900-BT
- **Adapter Socket:** USB 2.0/1.1
- **Kind:** External
- **Transmission Rate:**900Mbps
- **Type:** Wireless
- **Brand Name:** DERAPID
- **Origin:** Mainland China
- **Built-in Chipset:** Realtek RTL8851BU
- **Band Support:** Dual Band
- **Max Speed Rate:** 2.4Ghz 286Mbps 5Ghz 600Mbps
- **Bluetooth Version:** Bluetooth V5.3
- **Compatibility Device:** Desktop/PC/Laptop
- **System:** Driver Free For Win10 / 11
- **Feature 1:**wifi usb Adapter WiFi Antenna
- **Feature 2:**Bluetooth for pc bluetooth adapter pc
- **Feature 3:**Usb wifi antenna

## Product Introduction

### Product selling points

1. 900Mbps high-speed transmission rate(Dual Band's Speed)
2. 2.4G&5.8G dual frequency concurrent
3. Drive free, plug and play for Windows 10/11
4. External 5dBi antenna for a more stable signal
5. Supports WiFi6 standard IEEE802.11ax protocol

6. New Bluetooth 5.3 Version For Stable Working Time
7. Support WPA3 encryption format for safer internet access
8. Support MU-MIMO multi-device connection to improve network efficiency
9. Supports WiFi reception and AP hotspot transmission

## Specifications

- **Model:** AX900 WiFi USB adapter
- **WiFi Standards:** Wi-Fi 6 (802.11ax)
- **Connection Speeds:** Up to 600Mbps on 5GHz network, up to 286Mbps on 2.4GHz network
- **Compatibility:** Desktops and laptops

## Product Usage Instructions

### Troubleshooting Wireless Signal Issues:

If you encounter issues with wireless signals, follow these steps:

- Check nearby router's WiFi function.
- Adjust the distance between the adapter and the router to avoid obstacles.

### Improving Internet Speed

To enhance internet speed

- Connect the adapter to the PC's back USB port.
- Use the adapter in an area with a stronger signal.
- Switch from a 2.4GHz to a 5GHz wireless network on the router.

### Avoiding Internet Disconnection

To prevent disconnection after inactivity:

- Disable power-saving mode on the PC.

### Setting up 5G WiFi Signal:

To enable 5G WiFi signal:

- Ensure router supports 5G.
- Turn off combined 2.4GHz and 5GHz WiFi setting.
- Keep devices close to the router for optimal connection.

### **Maximizing Internet Speed:**

Note that WiFi connection speed may vary from internet speed.

### **Troubleshooting Connection Issues**

If unable to connect, follow these steps:

- Verify correct password entry.
- Check Mac address binding settings.
- Reboot modem and router, reinstall driver if necessary.
- Turn off and on the WiFi signal on your PC.

### **Frequently Asked Questions**

#### **Q: What do I need to know before buying this AX900 WiFi USB adapter?**

If you wish to upgrade to the latest WiFi standard, experience faster speeds, or connect to a new wireless router, this adapter can provide speeds up to 600Mbps on 5GHz and 286Mbps on 2.4GHz networks.

#### **Q: How can I improve internet speed if it's slow after a successful connection?**

Try connecting the adapter to the PC's back USB port, moving to an area with a stronger signal, or switching to a 5GHz wireless network on your router for faster speeds.

#### **Q: Why does the internet disconnect when my computer wakes up from inactivity?**

To avoid delays in reconnection, disable power-saving mode on your PC to ensure seamless reconnection to the router.

## **Documents / Resources**



## [DERAPID AX900 Wi-Fi USB Adapter \[pdf\]](#) User Manual

AX900 Wi-Fi USB Adapter, AX900, Wi-Fi USB Adapter, USB Adapter, Adapter

## References

- [User Manual](#)

📁 Adapter, AX900, AX900 Wi-Fi USB Adapter, DERAPID, USB Adapter, Wi-Fi USB

📁 DERAPID Adapter

---

## Leave a comment

Your email address will not be published. Required fields are marked \*

Comment \*

Name

Email

Website

Save my name, email, and website in this browser for the next time I comment.

[Post Comment](#)

## Search:

[Search](#)

[Manuals+](#) | [Upload](#) | [Deep Search](#) | [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.