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# AX900 Wi-Fi 6 Dual Band USB Adapter

Model No. [X900USM](#)



600Mbps+287Mbps



Mini Design



MU-MIMO



Pre-installed Driver  
for Windows

## ➤ Overview

# AX900 Wi-Fi 6 Dual Band USB Adapter

Model No. **X900USM**

The X900USM is an AX900 Wi-Fi 6 dual-band USB adapter.

X900USM uses sixth-generation Wi-Fi technology with a transmission rate of up to 900Mbps and supports OFDMA and MU-MIMO technology.

It can connect more devices, speed up the network, and fully optimize your gaming experience. It's an ideal wireless adapter for your computer.

At the same time, X900USM has a built-in omnidirectional antenna that supports receiving wireless signals in 360° directions.



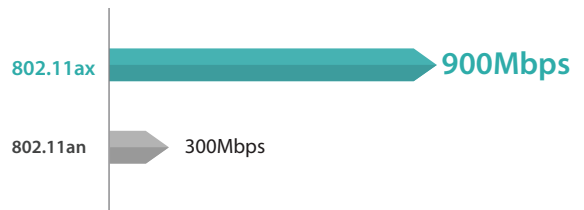
## ➤ Features

- Comply with Wi-Fi 6 (IEEE 802.11ax) standards.
- Up to total 900Mbps wireless speed on simultaneous 2.4GHz(286Mbps) , 5GHz(600Mbps)
- External omni-directional antenna improves the wireless reception sensitivity.
- 1024-QAM high data rate Modulation delivers powerful, continuous Wi-Fi to fully unlock the potential of Wi-Fi 6 router.
- TWT (Target Wake Time) technology reduces your devices' power consumption to extend their battery life.
- Support 64/128-bit WEP, WPA, WPA2, WPA3, WPA-PSK, WPA2-PSK encryption standards.
- Easy to install and configure.
- Supports Windows 10 /11 , Linux.

# Selling point

## ➤ A new generation—Wi-Fi 6

Wi-Fi 6 (IEEE802.11ax) takes your Wi-Fi to the next level with massive increases in speed and total capacity, while being backwards compatible with IEEE802.11a/b/g/n/ac Wi-Fi standards. X900USM is equipped with the latest wireless technology, Wi-Fi 6, which enables faster speeds, greater capacity and reduced network congestion.



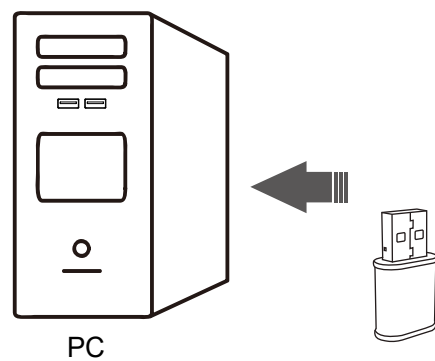
## ➤ 900Mbps Ultra-Fast Wi-Fi Speed

The X900USM offers Wi-Fi speeds of up to 600Mbps on 5GHz and up to 287Mbps on 2.4GHz. Wi-Fi speeds are significantly improved and every app feels smoother. Perfect for 4K streaming, immersive AR/VR gaming, and blazing-fast downloads.



## ➤ Easy to Use

No driver needed for the device installation on Windows OS, simply plug and play, suitable for everyone across the world.



## ➤ Built-in Antennas

With built-in omni-directional antennas, X900USM supports to receive wireless signals from 360° direction. Meanwhile, comparing with the external antenna, it is more portable for the users, especially convenient for the travelers.



# Specification

## Hardware

Interface	- USB 2.0*1
LED Indicator	- 1*Wireless (ACT) Blue
Dimensions (L x W x H)	- 33mm*20mm*10mm
Antenna	- 1*External dual-band antenna (not removable)

## Wireless

Standards	- IEEE 802.11ax, IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b, IEEE 802.11a
RF Frequency	2.4G: 2.4~2.4835 GHz
Data Rate	5G: 5.18~5.825GHz
EIRP	- 2.4 GHz: Up to 287 Mbps - 5 GHz: Up to 600 Mbps - < 20dBm
Wireless Security	- 64/128-bit WEP, WPA/WPA2,WPA3, WPA-PSK/WPA2-PSK (TKIP/AES)
Reception Sensitivity	- 2.4G: 11b 11M: -81 dBm@8% PER 11g 54M: -68 dBm@10% PER 11n HT20 MCS7: -65dBm@10% PER HT40 MCS7: -62dBm@10% PER 11ax HE-SU40 MCS11: -48dBm@10% PER - 5G: 11a 54M: -68dBm@10% PER 11n HT20 MCS7: -65dBm@10% PER HT40 MCS7: -62dBm@10% PER 11ac VHT80 MCS9: -51dBm@10% PER 11ax HE-SU40 MCS11: -48dBm@10% PER HE-SU80 MCS11: -45dBm@10% PER

## Others

Package Contents	- X900USM USB adapter*1 - Quick Installation Guide *1
System Requirement	- Supports Windows 10, /11, Linux.
Environment	- Operating Temperature: 0℃~40℃ (32℉~104℉) - Storage Temperature: -40℃~70℃ (-40℉~158℉) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~90% non-condensing