



**TOTO LINK**

The Smartest Network Device

# AX900 Wi-Fi 6 Dual Band USB Adapter

X900UA

# Overview

X900UA is an AX900 Wi-Fi 6 dual-band USB adapter.

X900UA adopts 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 to speed up the network and fully optimize your gaming experience.

It is an ideal wireless adapter for your computer.

At the same time, through an external omnidirectional antenna, it greatly improves wireless reception sensitivity and Wi-Fi performance.

# 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.



# Highlights

## 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. X900UA is equipped with the latest wireless technology, Wi-Fi 6, which enables faster speeds, greater capacity and reduced network congestion.

**Wi-Fi 6**  900Mbps

5GHZ

**Wi-Fi 5**  600Mbps

5 GHZ



### New Generation WiFi 6 Standard

Adopts new generation WiFi 6 technology, which is faster and has lower latency than WiFi 5.



### 900Mbps Dual Band Speed

2.4G wireless speed up to 287Mbps,  
5G wireless speed up to 600Mbps.

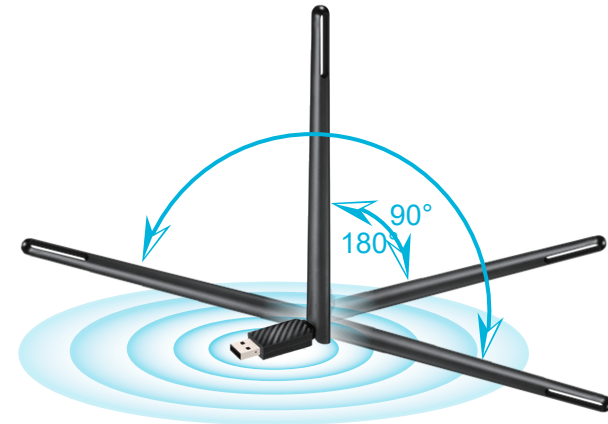


### Omni-directional Antenna

External high-gain antenna, flexible adjustment of signal strength.

## External Omni-directional Antenna, Greater Wi-Fi Coverage

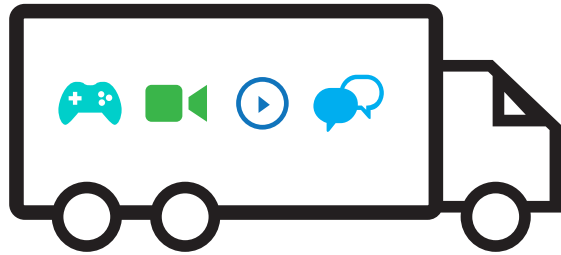
Equipped with external omni-directional antennas, X900UA offers a higher wireless performance and expands wireless signal to a wider coverage.



# Highlights

## OFDMA More Device, Less Congestion

OFDMA technology can easily handle dozens of devices streaming and gaming at the same time. OFDMA greatly increases capacity by 4 times to enable simultaneous transmission to more devices. Besides, it enables different devices to share one transmission stream so as to increase efficiency and reduce latency.



### Plug and Play

No driver needed for the device installation on Windows 10/11, simply plug and play, suitable for everyone across the world.

## MU-MIMO, highly efficient wireless connection

With MU-MIMO technology, X900UA can provide two simultaneous data streams, improving the throughput and efficiency of the entire network when working with a compatible MU-MIMO router.



### Highly Secure WPA3

Protect your personal data with the latest WPA3 encryption, The latest encryption technology eliminates brute-force attacks and provides better security.

# Specification

## Hardware

- Interface : 1\*USB 2.0.
- LED Indicators : 1\*Wireless (ACT) Blue
- Antenna :  
1\*External dual-band antenna (not removable)
- Dimensions (W x D x H) :  
58 x 18 x 18mm (not including antennas)

## 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  
5G: 5.18~5.825GHz
- Data Rate :  
2.4 GHz: Up to 287 Mbps  
5 GHz: Up to 600 Mbps

## Wireless

- EIRP : < 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 :  
X900UA USB adapter\*1  
Quick Installation Guide \*1
- System Requirement :  
Supports Windows 10, /11, Linux.
- Environment :  
Operating Temperature:  
0°C~40 °C (32 °F~104°F)  
Storage Temperature:  
-40°C~70 °C (-40 °F~158°F)  
Operating Humidity:  
10%~90% non-condensing  
Storage Humidity:  
5%~90% non-condensing