



**Product Name: WI-FI 6 900Mbps driver-free USB adapter
OW900A**

Overview

This is 900Mbps wireless USB adapter, the max wireless rate can be 900Mbps. It is a wireless AX dual band USB adapter which complies with the wireless standard-802.11ax and allows users to operate simultaneous over 5GHz and 2.4GHz band.



Features

- Support MU-MIMO function
 - Support Beam Forming function
 - Complies with IEEE 802.11ax/ac/n/b/g standards.
 - Operates simultaneous over 2.4GHz and 5GHz band.
 - speed up to 286Mbps on 11AX 2.4GHz, speed up to 600Mbps on 11AX 5GHz
 - Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK (TKIP/AES) encryption.
 - Works with all existing network infrastructures.
 - Driver free, plug and play
 - Internal PIFA antenna
- Supports Windows 11/10/, Linux OS.

WIFI Feature	
Standards	IEEE 802.11ax, IEEE 802.11ac, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Wireless Signal Rates With Automatic Fallback	11ax(5G): Up to 600Mbps (Dynamic) 11ax(2.4G):Up to 286Mbps (Dynamic) 11ac: Up to 433Mbps (Dynamic) 11n: Up to 150Mbps (Dynamic) 11g: Up to 54Mbps (Dynamic) 11b: Up to 11Mbps (Dynamic)
Chipset	AIC8800M80
Frequency Range	2400-2483.5MHz/ 4905~5915MHz
Wireless Transmit Power	20dBm (EIRP)
Modulation Type	DBPSK,DQPSK,CCK, OFDM
Receiver Sensitivity	600M: -68dBm@10% PER 286M: -68dBm@10% PER 433M: -68dBm@10% PER 150M: -72dBm@10% PER 54M: -72dBm@10% PER 11M: -85dBm@8% PER
Work Mode	Ad-Hoc Infrastructure, AP mode
Bluetooth	5.4 or backward
Wireless Security	WPS,64/128bit WEP,WPA/WPA2,WPA-PSK/WPA2-PSK(TKIP/AES)



Support Operating System	Windows 10/Win 11, Linux
Hardware Feature	
Interface	USB2.0 Hi-Speed connector
Antenna Type	Detachable antenna
Antenna Gain	5dBi
Dimensions	47.7*18.3*10mm
Other	
Operating Temperature	0°C~40°C
Storage Temperature	-20°C~60°C
Relative Humidity	10% ~ 90%, non condensation
Storage Humidity	5%~95% non-condensing