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