Product Name: WI-FI 6 300Mbps driver-free USB adapter

Overview

OW300 is the Nano 300Mbps wireless USB adapter, the max wireless rate can be 286Mbps, because of the nano size, user don't need extract it from USB port to move, so it is suitable for handheld devices, such as notebook, the net book, the scanner, the handheld POS.....although it is very small but its signal is still very stable cause the special internal antenna design.



Features

- Complies with IEEE802.11/b/g/n/ax standards.
- Speed up to 286Mbps on 11AX 2.4GHz
- USB2.0 interface
- 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 11/10/7, Linux OS.

WIFI Feature	
Standards	IEEE 802.11ax, IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Wireless Signal Rates With Automatic Fallback	11ax: Up to 286Mbps (Dynamic) 11n: Up to 150Mbps (Dynamic) 11g: Up to 54Mbps (Dynamic) 11b: Up to 11Mbps (Dynamic)
Chipset	AIC8800FC
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	20dBm (EIRP)
Modulation Type	DBPSK,DQPSK,CCK, OFDM
Receiver Sensitivity	286M: -68dBm@10% PER 150M: -72dBm@10% PER 54M: -72dBm@10% PER 11M: -85dBm@8% PER
Work Mode	Ad-Hoc Infrastructure, AP mode
Wireless Security	WPS,64/128bit WEP,WPA/WPA2,WPA-PSK/WPA2-PSK(TKIP/AES)
Support Operating System	Windows Win7/Win10/Win 11, Linux
Hardware Feature	
Interface	USB2.0 Hi-Speed connector

Antenna Type	internal PIFA antenna
Antenna Gain	2dBi
Dimensions	16.6 x 8.5 x 22.3mm
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