

11AX (WiFi 6) Dual-band Wireless Network Adapter

Model: 7WL63



Introduction:

7WL63 is a 11AX Dual-Band usb wireless network adapter which supports the latest WiFi6 technology and 11a/b/g/n/ac/ax wireless transmission standards.

This product adopts the latest chip packaging technology and 2T2R antenna transmission design, which has the advantages of low power consumption and low network transmission and low delay. It provides feature-rich wireless connections, and provides reliable, cost-effective throughput from long distances.

7WL63 supports the latest USB3.0 interface transmission standard, backward compatible with USB2.0. The new generation of 802.11AX WiFi wireless transmission technology brings the highest transmission rate up to 2.4G/600Mbps and 5G/1201Mbps, enable uses to enjoy the fun of wireless fast surfing.

The 7WL63 wifi 6 network adapter also integrates a wireless configuration program, which is easy to install and use. It can be set easily and quickly. In terms of wireless security, it supports WFA WPA/WPA2/WPA3 security and encryption, allowing you to quickly implement wireless encryption and ensure wireless network security.

Features:

- Support 802.11a/b/g/n/ac/ax technical standards.
- USB3.0 interface, backward compatible with USB2.0.
- The latest wifi AX technology is backward compatible with 802.11b/g/n wireless devices.
- Wireless transmission rate (2.4GHZ/600Mbps, 5.8GHZ/1201Mbps).
- Support WFA WPA/WPA2/WPA3 data encryption.
- Support system environment: WIFI (win10/win11).
- 2T2R antenna transmission technology.
- The heat dissipation design on 4 sides of the machine is conducive to stable operation.
- Clamshell design, saving space.

APPLICATION:

Tablet TV
Android TV
Drones
Laptops/Desktops
MID Tablet PC
Smart Phones
Network Cameras
STB
GPS
Car DVR
Other device

Specification:

Chipset	MT7921AUN/RTL8832BU
Interface	USB3.0
LED	Status
Antenna	Flip antenna (built-in 2-in-1 dual-band 2dbi antenna)
Working Frequency	2.412~2484GHz/5.15~5.825GHz
RF Power	802.11b (CCK) 11Mbps: 18+/-1dBm
	802.11g (OFDM) 54Mbps: 15+/-1dBm
	802.11n (OFDM) 150Mbps: 15+/-1dBm
	802.11ac (AC80) MCS9: 12+/-2dBm
	802.11aX (AX80) MCS9: 12+/-2dBm
Transfer Distance	Indoor MAX: 100meters
TR	2T2R
Transfer Speed	2.4G:600Mbps/5G:1201Mbps
Receiving Sensibility	802.11b: -76+/-1dBm; 802.11g: -65+/-1dBm
	802.11n (HT20), -70+/-1dBm; 802.11n (HT40), -65+/-1dBm
	AC80-MCS9: -55+/-1dBm; AX80-MCS9: -55+/-1dBm
	802.11b: -76+/-1dBm; 802.11g: -65+/-1dBm
Security	WFA WPA/WPA2/WPA3
OS	Win10/11(64bit/32bit)
Shell	Plastic case
Color	Black
Size(mm)	94mm*31.5mm*15mm
Environment	Operating Temperature: -10℃ to +50℃
	Storage Temperature: -20℃ to +85℃

	Operating Humidity: 20%~80%RH (Non Condensing)
	Storage Humidity: 20%~80%RH (Non Condensing)
Package Contents	1 x7WL63 Adapter 1 x User Manual