WL-700N-DB-300 ---Dual Band 2T2R 300Mbps wireless USB adapter with WPS button

Picture:

Description

WL-700N-DB-300 is a 300Mbps dual-band wireless network card. It is a highly integrated, feature-rich RT5572 CPU, support 2.4G and 5G two working band, in full compliance with the IEEE802.11N protocol standards, but also fully compatible with 802.11G, 802.11B and 802.11A standard. It uses the latest wireless transmission technology, the user can freely choose according to the surrounding environment as well as terminal equipment including a working band to avoid radio interference and network congestion, the wireless signal is more stable, smoother speed. 5GHz working band helps to avoid signal interference, and to provide you with a more pure wireless environment. WL-700N-DB-300 using 2 × 2 MIMO (Multiple Input Multiple Output) architecture, built-in two smart antenna signal multiplexing transceiver, can greatly enhance its wireless reception capabilities, and enhance the stability of the wireless signal.

Features

Support USB 2.0；
Support 20MHz/40MHz Bandwidth transmission；
Comply with IEEE 802.11n protocol, compatible with IEEE 802.11g, IEEE 802.11b standards；
Comply with IEEE 802.11a standards；
Automatic transmission rate detection network and transform;
Supports 64/128 bit WEP data encryption; support WPA/WPA2/TKIP/AES other encryption methods；
Two Transmit and Two Receive path (2T2R)
Support 2.4G band and 5G band;
Support Multiple BSSID
Support QoS Enhancement (WMM)
Support WPS: PIN, PBC
Support Cisco CCX4
Support two work mode：Infrastructure mode and Access Point mode
MIMO power saving mechanism
Operating System Support: Windows XP 32/64, 2000, Vista32/64, Windows 7 32/64, Linux, Macintosh

Specification

Protocol standards	IEEE 802.11n；IEEE 802.11g；IEEE 802.11b；IEEE 802.11a
Transmission rate	11b：1/2/5.5/11Mbps
	11g：6/9/12/18/24/36/48/54Mbps
	11a：6M,20M,54M
	11n：up to 300Mbps
Transmit power	18 dBm（MAX）
Frequency range	2.412 ~ 2.4835 GHz 5.180~5.240GHz 5.260~5.320GHz 5.745~5.825GHz
Work channel	1～14
Modulation type	CCK/ OFDM/ BPSK/ QPSK/ 16-QAM/ 64-QAM
Encryption	WPA-PSK/WPA2-PSK；WPA/WPA2-Mixed/TKIP/AES
	64/128 bit WEP encryption
	WPS (PIN, PBC) (support button)
Operating System Support	Window 2000/WinXP/Vista/Win7/Mac OS/Linux
Interface	USB 2.0
LED(Green)	Link/Act
Power	<= 2.5W
Antenna	Built-in two omni-directional smart antenna
Size（mm）	83×25.5×14.6 mm
Use of the environment	Operating Temperature：0℃~40℃
	Storage temperature：-20℃~70℃
	Operating Humidity：10% ~ 90% RH Non-condensing
	Storage Humidity：5% ~ 90% RH Non-condensing