wifi Adapter

802.11b/g/n (1T*1R)

Model NO.: WL0169

Product Description

WL0169 provides up to 150Mbps stable transmission speed, with its easy-to-install 4pin interface, allowing users to quickly and easily setup wireless security. This product can also simultaneously operate bandwidth intensive applications such as voice, and video. Applications using a lot of bandwidth that are sensitive to interruptions such as voice and video applications are given priority in order to assure quality. It also works well with other 11g and 11n protocol wireless products.

Product Features

- Complies with IEEE 802.11n; 802.11g; 802.11b standard for 2.4GHz Wireless LAN.
- Supports PC Card hot-SWAP and true Plug & Play.
- Works with all existing network infrastructure.
- WIFI portected security(WPS),set your security at a push button
- Capable of up to 128-Bit WEP Encryption.
- Freedom to roam while staying connected.
- 22-Mbps Packet Binary Convolution Coding (PBCC) (according to the IEEE Std 802.11b high-rate specification).
- UP to 54 Mbps High-Speed Transfer Rate in 802.11g mode of operation.
- UP to 150 Mbps High-Speed Transfer Rate in 802.11n mode of operation.
- Rich diagnostic LED indicators with external 2dbi Antenna.
- Supports Window2000,XP32-64,Vista 32/64,Win7
- 32/64, Linux, Mac.
- Low power consumption.
- Easy to install and configure.

Product Specification

Modulation Type	OFDM/CCK/16-QAM/64-QAM
Operating System	Window2000,XP32-64,Vista 32/64,Win7 32/64,Linux,Mac
Standard	IEEE 802.11n; 802.11g; IEEE 802.11b
Interface	4 pin
Frequency	2.4~2.4835 GHz
Spread Spectrum	DSSS
Transmission Distance	Indoor up to 100m , outdoor up to 300m (it is limited in an environment)
Data Rate	802.11b:11/5.5/2/1 Mbps 802.11g:54/48/36/24/18/12/9/6 Mbps Draft 802.11n:up to 150Mbps
Transmit Power	802.11b:17.13 dBm 802.11g:13.38 dBm 802.11n(20MHz):13.24 dBm 802.11n(40MHz):12.70 dBm
Data Security	64/128/152 bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
LED Indicator	Status
Receiver Sensitivity	150M: -68 dBm@10% PER 130M: -68 dBm@10% PER 108M: -68 dBm@10% PER 54M: -68 dBm@10% PER 11M: -85 dBm@8% PER 6M: -88 dBm@10% PER 1M: -90 dBm@8% PER
Environment	Operating Temperature: 0℃~40℃ (32℉~104℉) Storage Temperature: -40~70℃ (-40℉~158℉) Relative humidity: 10%~90% non-condensing Storage Humidity: 5%~95% non-condensing

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference

to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of FCC RF Rules. Operation is subject to the following two conditions:

1) This device may not cause interference and

2) This device must accept any interference, including interference that may cause undesired operation of the device.

Caution!

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.

1. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

2. This compliance to FCC radiation exposure limits for an uncontrolled environment, and minimum of 20 cm separation between antenna and body.

3. Only the type of chip antenna tested may be used.

4. The end product must carry a label stating "Contains TX FCC ID: XXC-WL0169".