



Wireless PCI Adapter

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

Model NO.: N01-P15GB

Product Description

The N01-P15GB Wireless PCI Adapter complies with IEEE 802.11n (Draft 2.0), IEEE 802.11g, and IEEE 802.11b standards. Wireless transmission rates can reach up to 150Mbps. This product supports 64/128/152-bit WEP encryptions, as well as WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions and mechanisms in addition to the adapter's QSS (Quick Secure Setup) feature, 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

- ❖ Provides two methods of operation: Infrastructure and Ad-Hoc
- ❖ Adopts MIMO technology for wireless rates of up to 300Mbps
- ❖ Adopts CCA technology which automatically avoids channel conflicts using its channel selection feature
- ❖ Quick Secure Setup, complies with WPS for worry free wireless security
- ❖ Supports 64/128/152-bit WEP, complies with 128 bit WPA standard(TKIP/AES), supports MIC, IV Expansion, Shared Key ,Authentication
- ❖ Simple Configuration and monitoring
- ❖ Supports Roaming technology, guaranteeing efficient wireless connections.
- ❖ Supports WindowsXP/Vista,WIN7,linux.mac



Product Specification

Standard	IEEE 802.11n; 802.11g; IEEE 802.11b;
Frequency	2.4~2.4835GHz
Radio Data Rate	11b: 1,2,5.5,11Mbps 11g:6,9,12,24,36,48,54Mbps 11n (20MHz): MCS0-15, 32 with Short Guard Interval Support (up to 144Mbps)
Spread Spectrum	DSSS
Transmission Distance	Indoor up to 100m , outdoor up to 300m (it is limited in an environment)
Transmit Power	11g:15±1dbm;11b:18±1dbm;11n:14±1dbm
Data Security	WPA; 64/128-bit WEP; TKIP/AES
Chipset	Ralink 3062
LED Indicator	Status
Antenna Type	1*2.4GHZ Antenna (1TX*1RX)
Receiver Sensitivity	135M: -65dBm@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℃) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~95% non-condensing
Operating System	Windows XP32/64,Vista 32/64, Win7 32/64, Linux.