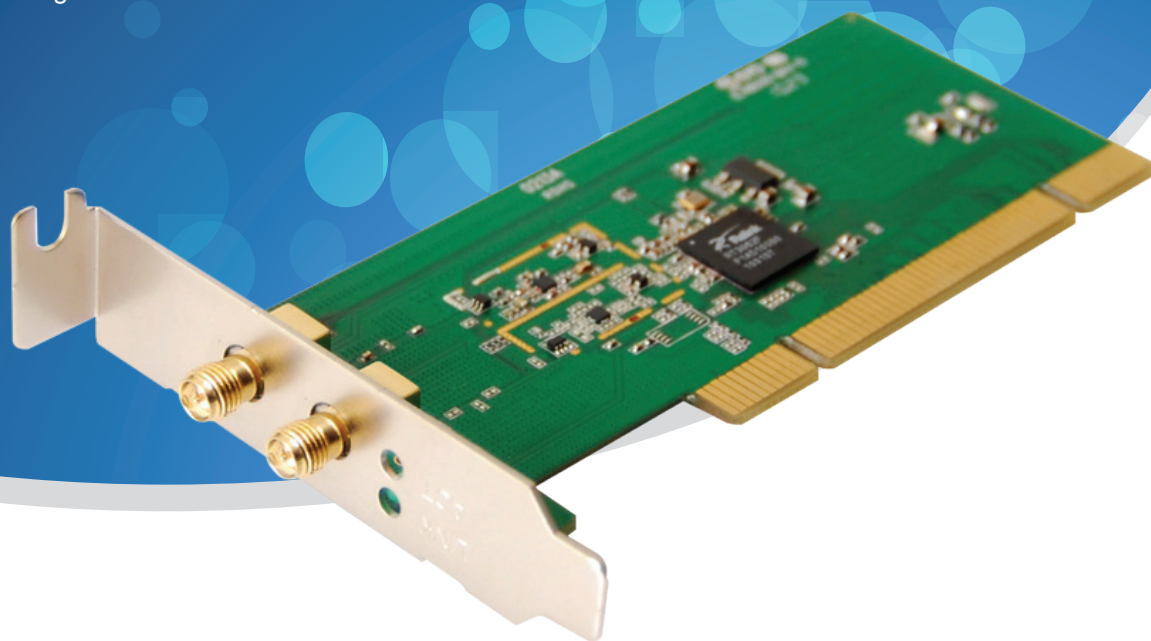


300Mbps Wireless PCI Adapter 802.11n/b/g (2T*2R)

Model No. N300PC

N300PC is a 2*2 single band Wireless PCI Adapter with two high gain detachable antennas. It complies with the most advanced IEEE 802.11n standard and can deliver up to 300Mbps wireless data rate. With its high wireless performance, you can build your own WLAN networks more easily and get a better internet experience, such as downloading, gaming, video streaming and so on.



Features

- Complies with IEEE 802.11n and IEEE 802.11g/b standards for 2.4GHz wireless LAN.
- Up to 300Mbps data rate for Wi-Fi network.
- Advanced MIMO technology ensures the transmit/receive signal's stability.
- Works with all existing network infrastructure.
- Adopts PCI interface, easy to assemble for embedded using.
- Capable of up to 128-bit WEP encryption.
- Transmission coverage up to 100m indoor and 300m outdoor.
- Supports Windows XP, Vista, Win7, Linux.
- Easy to install and configure.

Specifications

Hardware	
Interface	- PCI
Antenna	- 2 *2dBi Detachable Antennas
LED Indicators	- 1 *Status
Dimensions	- 119.7mm x 52mm x 1.6mm (L x W x H)
Environment	- Operating Temperature: 0℃~40℃ (32°F~104°F) - Storage Temperature: -40~70℃ (-40°F~158°F) - Operating Humidity: 10%~90% non-condensing - Storage Humidity: 5%~95% non-condensing
Wireless	
Standards	- IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
RF Frequency	- 2.4~2.4835GHz
Data Rate	- 802.11n: Up to 300Mbps - 802.11g: Up to 54Mbps (dynamic) - 802.11b: Up to 11Mbps (dynamic)
Wireless Security	- 64/128-bit WEP, WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Output Power	- 20dBm (Max.)
Modulation Type	- DBPSK, DQPSK, CCK and OFDM (BPSK, QPSK, 16-QAM/ 64-QAM)
Reception Sensitivity	- 270M: -61 dBm@10% PER - 135M: -65 dBm@10% PER - 54M: -68 dBm@10% PER - 11M: -85 dBm@8% PER - 6M: -88 dBm@10% PER - 1M: -90 dBm@8% PER