

PCI Card 802.11n 2T4R



QP - W5400NPCI

Wireless PCI Adapter, N Draft, 300 Mbps, 2T4R

Features

- Compatible with 802.11n draft specification version 2.0.
- Backward compatible with 802.11a/b/g devices while operating at 802.11n data rate.
- 2x4 MIMO technology improves effective throughput and range over existing 802.11b/g products.
- Data rates of up to 130 Mbps for 20 MHz channels and 300 Mbps for 40 MHz channels.

Specifications

Standard:

IEEE 802.11b/g & Draft IEEE 802.11n

Antenna:

2dBi * 4

Frequency Band:

2.4GHz~2.484GHz unlicensed ISM band

Modulation Technique:

Orthogonal frequency division multiplexing (OFDM)
Direct Sequence Spread Spectrum (PBCC, CCK, DQPSK, DBPSK)

Security:

64/128bit WEP/WPA/WPA2 (TKIP/AES)

Output Power:

- 11n: 12dBm (Typical)+/-1
- 11g: 14dBm (Typical)+/-1
- 11b: 17dBm (Typical)+/-1

Data Rate:

- 11n: 300, 150, 54, 48, 36, 24, 12, 9, 6, 11, 5.5, 2, 1 Mbps (Auto Rate Sensing)
- 11g: 54, 48, 36, 24, 18, 12, 9 and 6 Mbps with auto-rate fall back
- 11b: 11, 5.5, 2 and 1 Mbps with auto-rate fall back

Transmission Distance:

- Indoor up to 30m, output up to 100m (it is limited in an environment).

Sensitivity:

- 54 Mbps: -68dBm
- 11 Mbps: -80dBp

Working Mode:

Ad-Hoc or Infrastructure

Operating Voltage:

3.3V

Host Interface:

PCI Interface 2.2

Operating Temperature: 0~55°C ambient temperature

Storage Temperature: -20~70°C ambient temperature

Operating & Storage Humidity: 10%~90% maximum (non-condensing)

Storage Humidity: 5%~95% non-condensing

Operating System Support:

Windows* 2000/XP 32-64/Vista 32/64

Approval:

- FCC Part 15
- CE

