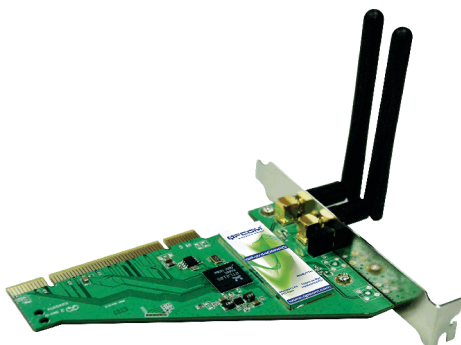




Wireless LAN PCI Card

802.11n 1T2R

QP - W4400NPCI

Wireless Adapter PCI, N Draft, 300 Mbps, 1T2R

Features

- 1x2 MIMO technology improves effective throughput and range over existing 802.11b/g products.
- 2.4GHz WLAN MAC/BB processing.
- Compatible with 802.11n draft specification version 2.0.
- Data rates of up to 130Mbps for 20MHz channels and 300 Mbps for 40MHz channels.
- Backward compatible with 802.11a/b/g devices while operating at 802.11n data rate.
- Support PCI Revision 2.3 interface.
- 802.11e QoS Enhancement (WMM, WMM-SA Client mode).
- 802.11h TPC, DFS, Spectrum Measurement.
- 802.11k Radio Resource Measurement.
- 802.11i (WAP, WAP2). Open, shared key, and pair-wise key authentication.

Specifications

Standard:

- IEEE 802.11n Draft 2.0
- IEEE 802.1b/g

Antenna:

2x2dBi detachable antennas

Frequency Band: 2.400GHz~2.484GHz

Security:

- 64/128bit WEP
- WPA (TKIP with IEEE 802.1x)
- WPA2 (AES with IEEE 802.1x)

Data Rate:

- 802.11n (40MHz): Up to 150/300Mbps
- 802.11n (20MHz): Up to 72/144Mbps
- 802.11g: 54, 48, 36, 24, 18, 12, 9 & 6Mbps
- 802.11b: 11, 5.5, 2 and 1 Mbps with auto-rate fall back

Sensitivity:

- * -70dBm @ 802.11n
- * -78dBm @ 802.11g
- * -85dBm @ 802.11b

RF Output Power (Typical):

- 802.11b: up to 17 +/- 1dBm
- 802.11g: up to 15 +/- 1dBm
- 802.11n: up to 14 +/- 1dBm

Number of Operation Channel:

- U.S. 1-11
- Japan 1-13, 14
- EETS1 1-13

Access Protocol:
CSMA/CA

QoS Enhancement:
WMM, WMM-SA

Host Interface PCI:
Interface 2.3

Operation Voltage:
3.3V

Dimension (mm):
120(L) x 80(W)

Operation Temperature:
0°C~55°C

Storage Humidity:
5%~95% non-condensing

Driver Support:
Windows 2000, XP 32/64, Vista 32/64

Approval:
- FCC Part 15
- CE

