



PCI Card Wireless 802.11b/g

QP - W2410GP

Wireless PCI Adapter, 54 Mbps, 802.11b/g

Features

- Complies with IEEE 802.11b/g standard for 2.4GHz wireless LAN.
- Compliant with PCI 2.2 standard.
- Works with all existing network infrastructure.
- Complies with wireless products and services.
- Capable of up to 128-bit WEP, TKIP and AES.
- Freedom to roam while staying connected.
- Up to 54 Mbps data transfer rate in 802.11g.
- Lower power consumption.
- Easy to install and configure.
- Soft AP feature creates AP (Access Point) function.

Description

The QP-W2410GP is a IEEE 802.11b/g wireless PCI Card compatible with all the wireless products with WiFi logo.

It provides all the data rates in the IEEE 802.11b/g standards, which combines the highest data rate as 54Mbps. In addition, it rewards customers with proprietary "Turbo mode" for a better throughput as well as supports both the short and long preambles to ensure the compatibilities with legacy wireless products and new ones, saving the panic works for finding compatible products.

Specifications

Standards: IEEE 802.11b/g

Antenna: Detachable OMNI Antenna

Frequency Range: 2.400GHz ~2.4835GHz

Operation Frequency/Channel:

- 2.412~2.462GHz (Canada, FCC)/11 Channels

- 2.412~2.484GHz (Japan, TELEC)/14 Channels

- 2.412~2.472GHz (Euro, ETSI)/13 Channels

Modulation Technique:

- Orthogonal Frequency Division

Multiplexing (OFDM)

- Direct Sequence Spread Spectrum (PBCC, CCK, DQPSK, DBPSK)

Security:

64/128bit WEP WPA WPA2 802.1x and 802.11i

Media Access Protocol:

CSMA/CA (Collision Avoidance) with ACK

Output power:

- 54Mbps: 12~14dBm

- 11Mbps: 16~18dBm

Data Rate:

- 11g: 54, 48, 36, 24, 18, 12, 9 and

6Mbps with auto-

rate fall back

- 11b: 11, 5.5, 2, and Mbps with auto-

rate fall back

Sensitivity: 54Mbps: -68dBm;

11Mbps: -80dBm

Working Mode: AdHoc or

Infrastructure

Throughput: 22Mbps@54Mbps;

5.5Mbps@11Mbps

Operating Voltage: 3.3V

Hardware Interface: PCI Interface

2.2

Operating Temperature: 0~55°C

ambient temperature

Storage Temperature: -20~70°C

ambient temperature

Operating & Storage Humidity:

90% maximum (non-

condensing)

Operating System Support:

Windows*

98SE/ME/2000/XP/x64/Vista/Vista64

; Mac OS 10.3/10.4;

Linux Kernel 2.6.x

Approval:

FCC Part 15

CE

