



WPCI11

802.11b Wireless PCI Card

Introduction

A wireless LAN links network users to LAN services without the use of a cabled connection to attach them to the network infrastructure and gives mobile workers the freedom to stay connected to the network while roaming around a building or multiple buildings, maintaining access to the Internet, e-mail, networked applications, and print services.

The 802.11b Wireless PCI Card is a powerful 32bit PCI Card that install quickly and easily into Desktop PC for your wireless network applications and based on the IEEE 802.11b standard offering a data rate of 11Mbps in a wireless LAN environment. It is a high-speed wireless network card that plugs into your desktop PC and accesses to the LAN or peer-to-peer networking easily without wires or cables. Whether you're at your desk or in the boardroom, it allows you to share printers, files, and other network resources.

Features

- Compliant with IEEE 802.11b standard for 2.4GHz Wireless LAN
- Compliant with PCI Standard
- Works with all existing network infrastructure.
- Compatible with specific wireless products and services
- Capable of up to 128-Bit WEP Encryption Protocol
- Freedom to roam while staying connected
- 11 Mbps High-Speed Transfer Rate
- Rich diagnostic LED indicators.
- Lower power consumption
- Easy to install and configure

Specification

Standards	IEEE 802.11b
Host Interface	PCI 2.2
Antenna	Dipole Antenna
LED Indicators	<ul style="list-style-type: none"> ▪ Link :Green ▪ ACT:Green
Frequency Range	2.412GHz-2.4835GHz
Number of Selectable	USA, Canada: 11 channels

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Channels	Europe: 13 channels Japan :14 channels
Modulation Technique	Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK)
Security	0/64/128 bit WEP
Spreading	11 chip Barker sequence
Bit Error rate	Better than 10^{-5}
Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
Supported OS	Windows 98 Windows ME Windows 2000 Windows XP
Environment Specifications	<ul style="list-style-type: none"> ▪ Operating Temperature: 0~65°C ambient temperature ▪ Storage Temperature: -20~75°C ambient temperature ▪ Operating humidity: 95% maximum (non-condensing) ▪ Storage humidity: 95% maximum (non-condensing)
EMC Certification	FCC Part 15 in US EN300328 and EN300826 (EN301489-17) in Europe

