

P120 Wireless LAN PCI Card



Description

The P120 is IEEE 802.11 high data rate standard compatible PCI card, which fully supports high data rate to 11Mbps, 5.5Mbps, 2Mbps and 1Mbps over the Ethernet speed. Using Direct Sequence spread spectrum technology for immunity to interference, it is easy to install on various PCs which has PCI controller interface. The software support most of O.S. for operation. Automatic fallback to lower data rate optimizes communication possibility in worse channel conditions and over larger distances.

Features

- IEEE 802.11 Direct Sequence Spread Spectrum (DSSS) high rate compatible
- High data rate 11 / 5.5 / 2 / 1 Mbps
- Auto fallback data rate under noisy environment
- Support 64 / 128 Bit WEP encryption for security
- Power saving mode in infrastructure mode to minimizes power consumption when needed
- Detachable and reversible dipole antenna
- Compliant with Windows 98 / 2000 / ME / XP
- Support PCI V.2.2 standard
- Easy-to-Use Graphical Configuration utility saves detailed connectivity profiles for frequently accessed networks

Application

- Home networking for device sharing
- Wireless multimedia
- Wireless office for extension Ethernet range

Specifications

- **General:**
 - Complies with IEEE 802.11b
- **Radio Characteristics:**
 - RF Range:
2.4 ~ 2.4835 GHz (for US, Canada, and ETSI)
2.4 ~ 2.497 GHz (for Japan)
 - Data Rate: 11 / 5.5 / 2 / 1 Mbps

- Modulation Type: CCK, BPSK, QPSK
- Operating Channels: IEEE 802.11b compliant
Europe - 13 (ETSI),
US, Canada - 11,
Japan - 14
- Radio Technology: Direct Sequence Spread Spectrum
- Output Power: > +15 dBm, 10mW/MHz for Japan
- Receive Sensitivity:
-80 dBm Min. (11Mbps, @ BER 10E-5)
-82 dBm Min. (5.5 / 2 / 1Mbps, @ BER 10E-5)

- **Current Consumption:**

- 3.3 V, Tx mode 400mA (Max.), Rx mode 250mA (Max.)

- **Software:**

- Driver Support: Windows 98 / Me / 2000 / XP; Linux

- **Mechanical:**

- Host Interface: 32bit PCI 2.2
- Antenna: Detachable and reversible dipole antenna with SMA connector
- Dimensions: 121.5 x 127.5 x 20.0mm (w/o antenna)
- Weight: 68 grams (including antenna)

- **Certificate:**

- Radio:
EU: ETS 300 328;
USA: FCC Part 15C
Taiwan: DGT
- EMC:
EU ETS 300 826; USA: FCC Part 15B
- Safety: EN60950

Notes:

1. Specifications are subject to change without notice.
2. Windows 98 / Me / 2000 / XP are the registered trademark of Microsoft.