

WIRELESS PCI CARD

MNW2BPCM

IEEE 802.11b 11Mbps Wireless LAN PCMCIA Adapter



The Minitar MNW2BPCM is a IEEE 802.11 high data rate standard compatible PCMCIA card, which fully supports high data rate up to 11Mbps, 5.5Mbps, 2Mbps and 1Mbps over the Ethernet speed. Using Direct Sequence Spread Spectrum (DSSS) technology for immunity to interference, it is easy to install on various devices which has a 32bit CardBus controller interface. The software supports most of the Operating Systems for operation. Automatic fallback to lower data rate optimises communication possibility in the worst.

Features:

- IEEE 802.11b 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 minimise power consumption when needed
- Built-in PCB patch diversity antenna
- Compliant with Windows 98/2000/ME/XP
- Supports 32bit CardBus Interface
- Easy-to-Use Graphical Configuration utility saves detailed connectivity profiles for frequent accessed networks.

Specification:

- Interface Type:
32-bit Cardbus
- Standard:
IEEE 802.11b WLAN Standard
- Antenna:
Diversity Patch Antenna inside
- Network Architecture:
Infrastructure and Ad Hoc
- Security:
64/128-bit WEP data encryption
64/128-bit TKIP data encryption
64/128-bit AES data encryption
- Drivers:
Windows 98SE/ME/2000/XP and Redhat Linux
- LED:
TX/RX, Link

- Dimensions:
7(H) x 113(W) x 54(D) mm
- Certification:
FCC, CE
- Media Access Protocol:
CSMA/CA
- Frequency
2.4000 to 2.4835GHz
(Industrial Scientific Medical Band)
- Channels:
1-11 Channels: North America
1-14 Channels: Japan TELEC
1-13 Channels: Europe ETSI
- Data Rate
11Mbps/5.5Mbps/2Mbps/1Mbps
- Modulation Technique:
Direct Sequence Spread Spectrum
DBPSK/DQPSK/CCK
- Power Voltage:
3.3V
- Transmit Power:
16dBm-18dBm
- Receive Sensitivity:
-83dBm (Typical)
- Operating Temperature:
32~131°F (0 ~ 55°C)
- Storage Temperature:
-4~158°F (-20 ~ 70°C)
- Relative Humidity:
0%~95%