

Wireless 11 G

PCI CARD

MN54GPC



The Minitar MN54GPC 54Mbps Wireless PCI Card provides desktop PC users with a convenient wireless connection to their network for sharing files, printers, and other hardware peripherals in restrictive environments that make it difficult or impossible to deploy a wired network. The MN54GPC features the very latest IEEE 802.11g wireless technology to deliver up to 54Mbps data rate in the 2.4GHz frequency. It works with IEEE 802.11b compliant devices and is capable of handling data intensive applications including real-time MPEG video streaming. In addition, the MN54GPC comes equipped with the ability to help prevent access to sensitive data on the network to secure over-the-air transmissions with 64/128-bit WEP and IEEE 802.11i TKIP encryption as well as Wi-Fi Protected Access (WPA) support*.

Features & Benefits:

54Mbps Data Rate

Nearly five-times faster than IEEE 802.11b, the MN54GPC runs with data-intensive applications including real-time MPEG video streaming - ideal for home or office networking requirements.

Interoperable with 802.11b Compliant Devices

The MN54GPC is compatible with the IEEE 802.11b standard, allowing full interoperability with any IEEE 802.11b certified wireless product.

Easy to Install

User-friendly web-based interface, and step-by-step setup wizard make the MN54GPC fast and easy to install.

Secure Transmissions

- **WEP:** 64 & 128-bit secured WEP (Wired Equivalent Privacy) encryption for securing wireless LAN data transmissions.
- **SSID:** Only stations using the same SSID (Service Set ID) are permitted to communicate with each other.
- **WPA:** Wi-Fi Protected Access support* (Requires Windows XP)

Product Specifications:

Data Rates

- IEEE 802.11b: 11, 5.5, 2, 1 Mbps
- IEEE 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps

Standard

IEEE 802.11g and IEEE 802.11b

Range

- Outdoors: Up to 450m
- Indoors: Up to 125m

Frequency

2.4GHz~2.4897GHz

Wireless Radio Type

DSSS and OFDM

Modulation Type

- IEEE 802.11g: OFDM
- IEEE 802.11b: CCK, DQPSK, DBPSK

WEP Data Encryption Options

64/128-bit

Antenna

Dipole Antenna with detachable SMA connector

Bus Type

PCI 2.2

LED Indicators

Power on: Active

Output Power

15 dBm \pm 2dB

Sensitivity

- Up to -68dBm at 54Mbps OFDM
 - Up to -86dBm at 11Mbps CCK
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Power Consumption

Transmit Mode \leq 310mA

Dimensions

127.3 mm x 77.6 mm x 18.4 mm (5" x 3" x 0.72")

Weight

100g (including Antenna)

Operating Environment

- Operating environment: 0~50°C (32~122°F)
- Storage environment: -30~70°C (-22~158°F)
- Humidity: 95% non-condensing

Certifications

United States

FCC Part 15 class B

Europe

CE

Australia

C-Tick



* Requires Windows XP



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