

MN54GPC 802.11b/g Wireless PCI Adapter



The 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 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 too. In addition, the card 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*.

* Requires Windows XP

- **54Mbps Data Rate**

Nearly five-times faster than IEEE 802.11b, the it 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 card is compatible with the IEEE 802.11b standard, allowing full interoperability with any IEEE 802.11b certified wireless product.

- **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)

Technical Specification

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
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
Output Power	15 dBm +/-2dB
Sensitivity	Up to -68dBm at 54Mbps OFDM Up to -86dBm at 11Mbps CCK
Power Consumption	Transmit Mode <=310mA
Certifications	<i>United States</i> - FCC Part 15 class B <i>Europe</i> - CE <i>Australia</i> - C-Tick