



Just connect it !

2.4GHz 54 Mbps Wireless Cardbus Adapter



MR054g



Tired of taking turns at the computer with the LAN and Internet connection? Get the INEXQ wireless products, and you can get online without wires.

Whether you need to create a network from the ground up, or simply extend a wired network to accommodate new locations and employees, you naturally want to make the most cost-effective investment possible. INEXQ wireless networking is the answer.

Fully IEEE 802.11b and 802.11g compliant, INEXQ MR054g Wireless Cardbus Adapter can connect your notebook to existing 802.11b wireless network, and also to the high-speed networks based on the 802.11g specification. With the high speed 802.11g infrastructure, it sends digital images, videos, and MP3 files across your wireless network at speeds of up to 54 Mbps. Dynamic rate shifting according to environmental conditions gives you the fastest possible connections from your notebook PC.

Protects your information with up to 128-bit WEP encryption, so your data stays secure. You can enjoy the freedom of wireless and convenience of LAN from anywhere in and around the building. You will take advantage of your computers by making the sharing of resources and files easily and safely.

Features

- Complies with 802.11g standard, and backwards compatible with 802.11b devices
- Operates in the 2.4GHz frequency spectrum with throughput of up to 54 Mbps
- Installation wizard driver provides smart and easy installation
- Up to 152-bit WEP network security protects your wireless communication
- Wireless roaming optimizes signal strength and quality among Access Points

Specifications

| | |
|-----------------------------|---|
| | MR054g |
| Standards conformance | IEEE 802.11b, 802.11g |
| Frequency Band | 2.4GHz |
| Interface | 32-bit Cardbus |
| Modulation Technique | DSSS (DBPSK, DQPSK, CCK), OFDM for data rate > 20 Mbps |
| Data rate | 11, 5.5, 2, 1 Mbps, auto-fallback, up to 54 Mbps |
| Operating Range | Indoor environment: 20 - 100 meters (65 - 328 feet) Outdoor environment: 100 - 300 meters (328 - 984 feet) |
| Operating Channels | US/Canada: 1 - 11, Major European Countries: 1 - 13, France: 10 - 13, Japan: 1 - 13 or 14, China: 1 - 13 |
| Network architecture types | Ad-Hoc mode & Infrastructure mode |
| Antenna | Embedded diversity patch antenna |
| RF max. output power | +18dBm |
| MAC Protocol | CSMA/CA |
| Security | 64-bit, 128-bit, 152-bit WEP encryption, AES-CCM & TKIP encryption, 802.1x authentication (Windows XP) |
| Software Support | Windows 98 SE, Windows Me, and Windows 2000/XP |
| Network Protocol | NetBEUI, TCP/IP, IPX/SPX |
| Operation Temperature Range | 0°C~70°C |
| Safety Compliance | CE, FCC Part 15, C-Tick |

System Requirements:

- IBM compatible notebook, 486 CPU or higher with a CD-ROM drive
- Windows 98 SE, Windows Me, or Windows 2000
- Free Cardbus PCMCIA Type II slot on each notebook

Ordering Information:

MR054g: 2.4GHz 54 Mbps Wireless Cardbus Adapter

Package Contents:

- * 2.4GHz 54 Mbps Wireless Cardbus Adapter
- * CD with installation software and user's manual
- * Multi-languages Quick Start Guide

Customer Support

Product support and software update information is available via Unex's web site <http://www.inexq.com>

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