

GW-NS54SG IEEE802.11g Wireless LAN Adapter



► Feature

This CardBus Card is based on Atheros AR5002X chipset that complied with IEEE 802.11b and 802.11g standards at 2.4~2.5GHz band, and it can be used to provide up to 11Mbps for IEEE 802.11b, and up to 54Mbps/108Mbps for IEEE 802.11g to connect your wireless LAN. With seamless roaming, fully interoperability and advanced security with WEP standard, 802.11b/g CardBus Card offers absolute interoperability with different brand of 802.11b or 802.11b/g Access Points through the wireless LAN

- Compatible with IEEE 802.11b high rate standard to provide wireless 11Mbps data rate
- Compatible with IEEE 802.11g higher speed standard to provide wireless 54Mbps data rate, and the turbo mode of 108Mbps (for USA)
- Operation at 2.4 ~ 2.5GHz frequency band to meet worldwide regulations
- Dynamic data rate scaling at 6, 9, 12, 18, 24, 36, 48, 54 and 108Mbps 802.11g
- Dynamic data rate scaling at 1, 2, 5.5, and 11Mbps for IEEE 802.11b
- Maximum reliability, throughput and connectivity with automatic data rate switching
- Supports wireless data encryption with 64/128/152-bit WEP for security
- Supports infrastructure networks via Access Point and ad-hoc network via peer-to-peer communication
- Built-in dual diversity antenna for the multi-path environment
- Supports WPA and AES enhanced security
- Supports DFS/TPC for European operation
- Supports VLAN tagging
- Friendly user configuration and diagnostic utilities
- Drivers support Windows 98SE, ME, 2K, and XP
- Supports CardBus (32-bit) Type II PC Card

► Specification

Model Number	GW-NS54SG
Interface	PC Card Standard CardBus(Type II)
Standards Conformance	IEEE802.11B,IEEE802.11g
Data Transfer Method	BPSK,QPSK,16QAM,64QAM,OFDM
Frequency Range	2400 to 2497MHz(Japan band) 2400 to 2483.5MHz(Morth America Europe band)
# of Channels	14(Japan),13(Europe),11(Noth America)
Access Methods	Infrastructure Mode,Ad-Hoc Mode(802.11 Ad Hoc),Roaming
Data Transfer Rate	11b:11/5.5/2/1Mbps Auto-Detection 11g:54/48/36/24/18/12/9/6 Auto-Detection The turbo mode of 108Mbps
Antenna Type	Integrated Printed-PCB antennas with dual diversity function
Modulation Method	Power, Link
LED Indicators	IEEE802.3,IEEE802.3u,IEEE802.3x
Security Feature	64/128/152bit WEP , WAP(WinXP only) , AES
Supported Platforms	IBM PC/AT compatible with PC card slot supporting CardBus
Supported OSes	Windows 98/98SE/Me/2000/XP
Dimension	54mm(W) x 8mm(H) x 116mm (D)
Weight	40g
Package Contents	GW-NS54SG, Driver/Utility CD-ROM x 1, User's Manual