

# GW-NS54SGX

2.4GHz IEEE 802.11g 108Mbps Wireless LAN CardBus Adapter

This CardBus Card is based on Atheros AR2414 single 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.

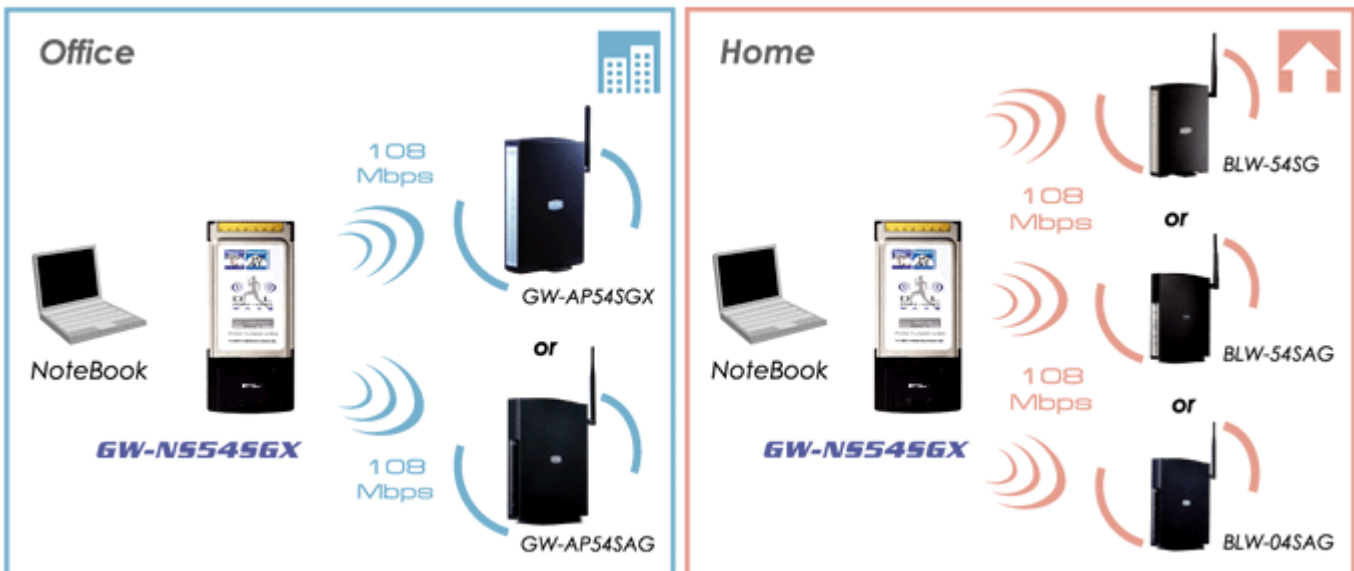


## Features



- 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 )
- Dynamic data rate scaling at 6, 9, 12, 18, 24, 36, 48, 54 and 108Mbps 802.11g
- Supports wireless data encryption with 64/128/152-bit WEP for security
- Supports CardBus (32-bit) Type II PC Card
- Friendly user configuration and diagnostic utilities
- Built-in dual diversity antenna for the multi-path environment

## Connection Sample



## Specification

<b>Model Number</b>	<b>GW-NS54SGX</b>
<b>Interface</b>	PC Card Standard CardBus(Type II)
<b>Chipset</b>	Atheros AR2414(CB801AS)
<b>Standards Conformance</b>	IEEE802.11b,IEEE802.11g
<b>Modulation Method</b>	BPSK,QPSK,16QAM,64QAM,OFDM
<b>Frequency Range</b>	2.412GHz-2.4835GHz
<b>Access Methods</b>	Infrastructure Mode, Ad-Hoc Mode(802.11 Ad Hoc),Roaming
<b>Data Transfer Rate</b>	11b:11/5.5/2/1Mbps Auto-Detection 11g:54 /48/36/24/18/12/9/6 Auto-Detection The turbo mode of 108Mbps
<b>Antenna Type</b>	Integrated Printed-PCB antennas with dual diversity function
<b>LED Indicator</b>	Power, Link
<b>Operating Voltage</b>	3.3V +/- 5%
<b>Media Access Protocol</b>	CSMA/CA
<b>Security Feature</b>	WPA; 128-bit AES encryption, 40/64-, 128-, and 152-bit WEP shared-key encryption MD5, 802.1x, and EAP-MD5,EAP-TLS, and PEAP authentication
<b>Supported OS</b>	Windows 98SE/Me/2000/XP
<b>EMI</b>	CE, DGT, TELEC, VCCI
<b>Dimension</b>	53mm(W) x 3mm(H) x 118mm (D)
<b>Weight</b>	40g

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