

# Wireless LAN Card

## IEEE802.11g Compliant

## WN-GCB Series

This is a PC card (Cardbus) type wireless LAN card that complies with the IEEE802.11g standard.

It is capable of high-speed wireless communications of up to 54Mbps using the 2.4GHz band and it also supports the IEEE802.11b standard.



### FEATURES

- It complies with the IEEE802.11g standard and is capable of high-speed wireless communications of up to 54Mbps in the 2.4GHz band.
- It supports the IEEE802.11b standard so existing IEEE802.11b equipment and networks can be used.
- Supports WEP (64-, 128- and 152-bit), IEEE802.1x (EAP-TLS) and WPA for enhanced security functions.
- It is equipped with a diversity antenna to provide stable communication.

### SPECIFICATIONS

Product name	WN-GCB series
International standards	IEEE802.11g and 11b compliant
Japanese standards	ARIB STD-T66 compliant
Modulation	OFDM (Orthogonal Frequency Division Multiplexing)/DSSS (Direct-Sequence Spread-Spectrum)
Communication frequency	2.412 to 2.472GHz (central frequency)
Number of communication channels	13 (automatic channel selection)
Communication speed	54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2 or 1Mbps (automatic speed switching)
Transmission output	No greater than 19dBm
Security	WEP (64-, 128- and 152-bit), IEEE802.1x (EAP-TLS)*1 and WPA*2
Operating voltage	DC.3.3V±5%
PC interface	Complies with 32-bit CardBus 7.1 Specifications*3
Supported operating systems of driver*4	Windows®XP, Windows®2000, Windows®Me, Windows®98SE, Linux*5
External dimensions	Approx. 54×119×5mm [W×D×H] (Height of antenna: 9mm)
Weight	Approx. 42g

\*1 Only Windows®XP SP1 is supported when using IEEE802.1x.

\*2 WPA compliance TBA.

\*3 This product is designed exclusively for 3.3V (CardBus compatible) PC card slots and cannot be used in 5V PC card slots.

\*4 Please inquire for other operating systems.

\*5 Linux compliance TBA.

- This product cannot communicate with Bluetooth products.
- Specifications shown in this catalog are for the Japanese market. Please inquire for applications in other markets.

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