

## GL2411-01R



### 11Mbps Wireless LAN Cardbus PC Card 32-bit CardBus

#### FEATURES

- Complies with the IEEE 802.11b (DSSS) 2.4GHz standards
- High-speed data transfer rate up to 11Mbps
- Supports 64/128-bit WEP Data Encryption function for high level of security
- Support TKIP and AES advanced WLAN Security
- Supports peer-to-peer communication among any wireless users, no Access Point required
- Automatic rate fallback enables data security and reliability
- Supports power save mode
- Supports 32-bit Cardbus interface
- Supports the most popular operating systems: Windows 98SE/Me/2000/XP and Linux Plug and Play installation.

#### OVERVIEW

This card features the latest innovation wireless technology, such as TKIP (Temporal Key Integrity Protocol) and AES (Advanced Encryption Standard) which is an advanced Wireless LAN security technology included in the IEEE 802.11i standard, and supports 32-bit Cardbus interface which enables higher transmission performance.

Furthermore, this card provides several kinds of power saving modes allowing user customizes the way of saving the power from his/her portable or handheld devices. This card is cost-effective and with the supported features it is the best solution for you to build your wireless network.

**SPECIFICATIONS**

Wireless LAN Specifications	
Standards	Wireless: IEEE 802.11b 32-bit Cardbus
Data Rate	11/5.5/2/1Mbps auto fallback
Antenna type	Built-in diversity patch antenna, 2dBi gain (max.)
Emission Type	Direct Sequence Spread Spectrum (DSSS)
RF Frequency Band	2.400 ~ 2.4835GHz (Industrial Scientific Medical Band)
Radio Channel	1 ~ 11 channels (North America) 1 ~ 13 channels (General Europe) 1 ~ 14 channels (Japan)
Security	64/128-bit WEP Encryption 64/128-bit TKIP Data Encryption 64/128-bit AES Data Encryption
Transmit Power	16 dbm (typical)
Receiver Sensitivity	-83dBm (Typical)
Frequency Stability	Within +/- 25 ppm
Data Modulation Type	CCK@11/5.5Mbps, DQPSK@2Mbps, DBPSK@1Mbps

Software Specifications	
Network	Supports Ad-Hoc, Infrastructure WLAN network Wireless roaming Data rate auto fall-back under noisy environment or longer range distance Site Survey
Configuration & Management	Plug-and-Play setup and installation Management Utility supports Win98SE/ME/2000 and XP
Drivers	Windows 98SE/Me/2000/XP and Linux

Hardware Specifications	
Interface	PC Cardbus 32 bit compliant
Chipset	Realtek RTL8180
LED	TX/RX, Link
Power	3.3 Volt +/- 5%
Power Consumption	802.11b: TX 600mA, RX 350mA, Standby 20mA
Dimension	7(H) x 113(W) x 54(D) mm
Operating Environment	Temperature: 0 - 55 ; Humidity 5%-70% non-condensing
Storage Environment	Temperature: -20 - 65 ; Humidity 0%-95% non-condensing
Regulation	FCC, CE

**ORDERING INFORMATION**

Model	Description
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