

GL2411-01



11Mbps Wireless LAN PCMCIA Adapter 16-bit PC Card Interface

FEATURES

- Complies with IEEE802.11b standard
- Complies with PCMCIA 2.1 and JEIDA 4.2 standard
- Wire-free access to networked resources from anywhere
- Delivers data rate up to 11Mbps
- Dynamically shifts between 11, 5.5, 2, and 1Mbps network speed
- Auto speed based on signal strength for maximum availability and reliability of connection
- Allows users move between Access Points without resetting their connection reconfiguration
- Built-in antenna or optional various type antenna optional
- Uses 2.4GHz frequency band, which complies with worldwide standards
- Supports most popular operating systems

OVERVIEW

The 11Mbps Wireless LAN PCMCIA Adapter complies with the IEEE802.11b standard for data transmission and implements four high-extension data rates of 1, 2, 5.5 and 11Mbps with automatic rate selection. Without the limitation of traditional wired LAN environment, wireless communication provides much flexibility and mobility to expand the working environment that is not good for cabling, like home, warehouse, lobby, and other public places.

SPECIFICATIONS

Radio	
Standard	IEEE802.11b (Wireless LAN standard protocol)
Emission Type	Direct Sequence Spread Spectrum (DSSS)
Modulation	QPSK, BPSK and CCK
Frequency Range	2.4 GHz ISM Band
Operating Channel	11 channels (US, Canada) 13 channels (Europe) 14 channels (Japan)
Data Rate	11 / 5.5 / 2 / 1 Mbps with auto fallback
Transmission Power	12 dBm minimal
Receiver Sensitivity	-80dBm typically
Encryption	64 / 128 bit WEP
Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
Compliant	FCC, Part 15, Class A and C (USA) ETSI 300 328, ETSI 300 826, EN60950, CE (Europe) ARIB STD T-66, D33, (Japan, customerized)
Typical Operating Range	50m indoors, 200m outdoors for 11Mbps 80m indoors, 300m outdoors for 5.5Mbps 120m indoors, 350m outdoors for 2Mbps 150m indoors, 400m outdoors for 1Mbps
Bit Error Rate	1E-5 @ -83dBm
Output Power	17dBm (typical)
Receiver Sensitivity	-85dBm Min.
Roaming	802.11 compliant

System Specifications

Host Interface	PCMCIA 2.1 and JEIDA 4.2
LED Indicators	Power(Red), Wireless Transmit/Receive(Green)
Antenna Type	2dBi Patch Diversity Antenna
Power Consumption	3.3V or 5V, 350mA by TX, 230mA by RX
Operating System	NDIS4.0 for Window 98SE/Me/NT/2000/XP WinCE (Customerized)
Dimension	114.5 x 54 x 5.0 mm
Weight	50gm
Operating Temperature	0 ^o - 50 ^o C (32 ^o - 122 ^o F)
Storage Temperature	-20 ^o - 70 ^o C (-4 ^o - 158 ^o F)
Operating Humidity	0% - 70%, non-condensing
Storage Humidity	0% - 95%, non-condensing

ORDERING INFORMATION

Model	Description
GL2411-01	11Mbps Wireless LAN PCMCIA Adapter with Patch Antenna

EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.

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