EL-2511CD PLUS EXT 2

High Power (23dBm)
Conexant/Intersil PC Short Card)

2.4 GHz	802.11 b	11 Mbps

IEEE 802.11b Short PC Card with two MMCX antenna connectors is the most convenient way to let you put a notebook computer almost anywhere without the hassle of running network cables. Now you do not need to suffer from the drilling holes and exposed cables. Once you are connected, you can do anything, just like the wired network. The wireless cardbus adapter operates seamlessly in the 2.4GHz frequency spectrum supporting the 802.11b (11Mbps) wireless standard.

Features	Benefits
Automatic data rate scaling at 11, 5.5, 2 and 1 Mbps	Optimized throughput, range and connectivity
IEEE 802.11b compliant	Fully interoperable with IEEE802.11b compliant devices
Wired Equivalent Privacy (WEP) encryption and decryption support	Powerful data security at 64 and 128 bits
Wide coverage range up to 1200 meters in open space	Wireless connectivity for all your computers
Advanced Power Management	Very low power consumption delivers extended battery life for client devices
Plug and Play PC Card Interface	Easy installation
Significantly improved indoor multi-path distortion	Higher link quality in indoor environment
Seamless roaming	Full mobility
Direct Sequence Spread Spectrum (DSSS) Technology	Provides robust, interference-resistant, and secure wireless connection
Automatic data rate scaling at 11, 5.5, 2 and 1 Mbps	Optimized throughput, range and connectivity
IEEE 802.11b compliant	Fully interoperable with IEEE802.11b compliant devices
Wired Equivalent Privacy (WEP) encryption and decryption support	Powerful data security at 64 and 128 bits
Wide coverage range up to 1200 meters in open space	Wireless connectivity for all your computers
Advanced Power Management	Very low power consumption delivers extended battery life for client devices
Plug and Play PC Card Interface	Easy installation
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*** *Subject to change without prior notice*

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Technical Specifications

Data Rate
11, 5.5, 2 and 1 Mbps, Auto Fall-Back

Standards / Compliance
IEEE 802.11b
Fully interoperable with IEEE802.11b compliant devices

Regulation Certifications
FCC Part 15/UL, ETSI 300/328/CE

Operating Voltage
3.3V

Status LEDs
RF link activity

Drivers
Windows 98SE/ME/2000/XP

RF INFORMATION

Frequency Band
U.S., Europe and Japan product covering 2.4 to 2.484 GHz, programmable for different country regulations

Media Access Protocol
Carrier Sense Multiple Access with Collision Avoidance (CSMA/CA)

Modulation Technology
Direct Sequence Spread Spectrum (DSSS)
CCK (11, 5.5Mbps)
DQPSK (2Mbps)
DBPSK (1Mbps)

Operating Channels
11 for North America, 14 for Japan, 13 for Europe, 2 for Spain, 4 for France

Receive Sensitivity (Typical)
11 Mbps <- 81dBm
5.5 Mbps <-91dBm
2 Mbps <-93dBm
1 Mbps <- 95dBm

Available Transmit Power
FCC : 23 dBm (200mW)
ce : 20dBm (100mW)

Antenna
Two antenna connectors (MMCX)

Range (open environment)
11 Mbps – 300m/450m
5.5 Mbps – 400m/600m
2 Mbps – 500m/750m
1 Mbps – 800m/1200m

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NETWORKING

Topology
Ad-hoc, Infrastructure

Security
64-bit/128-bit WEP encryption

PHYSICAL

Form Factor
PCMCIA Type II PC Card

Dimensions (LxWxH)
118(L)mm x 54(W)mm x 7.5(H)mm

Weight
40 g

ENVIRONMENTAL

Temperature Range
Operating : -10°C to 60°C
Storage : -40°C to 70°C

Humidity (non-condensing)
5% - 95% typical

PACKAGE CONTENTS

One Cardbus Adapter
One Quick Start Guide
One CD-ROM with User's Manual and Drivers

RELATED PRODUCT(S)

11b High-power Client Bridge
2611CB3 PLUS (Deluxe)
11a/b/g Wireless Cardbus Adapter
3054CB + (802.11g)
EPC-362 (802.11g)
5354CB + Aries2 (802.11a/b/g)11a/b/g High-power Wireless USB Adapter
EUB-362 (802.11b/g)
EUB-862 (802.11a/b/g)