

# Zonet®

## 802.11n Wireless Cardbus Adapter **ZEW1542**

### Features:

- High-speed Wireless-N Networking  
For your computer
- MIMO Smart Antenna Technology
- Compatible with 802.11b/g devices
- Advanced wireless encryption:  
WEP, WPA, WPA2
- Supports Windows 2000, XP, Vista



The Zonet **ZEW1542 - 802.11n Wireless Cardbus** delivers an incredible speed to your notebook computer without running wires. Wireless speeds increase up to 300Mbps\* when connecting to Zonet Wireless-N Access Points or Wireless Routers. The latest antenna technology increases wireless data coverage throughout homes and businesses. Advanced wireless encryption provides secured transmissions. Once you're connected, you can stay in touch with your email, access to the internet and send large files across the network at greater distances than ever before!



# 802.11n Wireless Carbus Adapter

## ZEW1542

### Package content:

- One ZEW1542
- One Installation CD
- One Quick Install. Guide

### Related Products:

ZEW1642 11n Wireless PCI Adapter  
ZEW2542 11n Wireless USB Adapter  
ZSR4124WE 11n Wireless Router

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## Specification

<b>Standards</b>	IEEE 802.11n, IEEE802.11b, IEEE 802.11g
<b>Interface</b>	32bit Carbus
<b>Antenna</b>	2 x 1.8dBi Printed Antennas
<b>Frequency Range</b>	2.4GHz-2.4835GHz
<b>Signal Rates</b>	11n: 150/130/117/104/78/52/39/26/13Mbps 65/58.5/52/39/26/19.5/13/6.5Mbps 11g: 54/48/36/24/18/12/11/9/6Mbps 11b: 11/9/6/5.5/2/1Mbps
<b>Transmit Power</b>	11n 20MHz/40MHz: -65dBm 54Mbps: -72dBm 11Mbps: -88dBm
<b>Channels</b>	1~ 11 (US), 1~13 (EU)
<b>Modulation</b>	OFDM, CCK, BPSK, QPSK
<b>Security</b>	WPA/ WPA2; 64/128-bit WEP; TKIP/AES
<b>Range</b>	Indoors: up to 150meters; Outdoors: up to 450meters
<b>LED Indicators</b>	Link/ACT
<b>Media Access Protocol</b>	WMM
<b>OS Support</b>	Windows 2000/XP/Vista
<b>Environment</b>	Operating Temperature: 0° to 40° C Storage Temperature: -20° to 70° C
<b>Humidity</b>	Operating Temperature: 10% to 90 % non-condensing

\*Maximum wireless signal rate derived from IEEE 802.11b/g/n specifications. Actual data throughput will vary from volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate.

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