



Wireless LAN IEEE 802.11g Cardbus

Welcome to join the wireless LAN with the ZPlus-G160. With ZPlus-G160, Wireless 802.11g PC Card, you can let the notebook PC connects to the internet without wire, **just Wireless!**

Plug the ZPlus-G160 into your notebook PC let you upgrade from wire to wireless immediately, and get 5 times faster than 802.11b Centrino. You can install the ZPlus-G160 follow the install wizard; we provide the easiest way let you enjoy the wireless. We support the most security functions, such as WEP, WPA, AES, TKIP, CCX 1.0/2.0; you can have the most protection of your data.

Applications

- Temporary workgroups
- Difficult-to-wire environments
- Frequently changed environments
- Small Office/Home Office networks

Features

- Easy installation Wizard
- Easy-to-use graphical Interface
- IEEE 802.11b, .11g, .11i draft, .11e draft
- High-Speed wireless LAN up to 54 Mbps



General Specifications	
Standards	IEEE 802.11b IEEE 802.11g
Modulation Technology	IEEE 802.11g OFDM (BPSK, QPSK, 16-QAM, 64-QAM) IEEE 802.11b DSSS (BPSK, QPSK, CCK)
Data Rates	IEEE 802.11g 6, 9, 12, 18, 24, 36, 48, 54Mbps IEEE 802.11b 1, 2, 5.5, 11Mbps
Media Access Control	CSMA/CA with ACK
Range	802.11g Open Space: 50m~200m, Indoor: 10m~70m 802.11b Open Space: 100m~300m, Indoor: 35m~100m
Certification	FCC part 15 class B in US ETSI 300.328 and CE EMC-EEC in Europe
Radio Specifications	
Frequency Range	802.11b/g 2.400GHz to 2.497 GHz
Channels	802.11b/g USA /Canada: 11 France: 4 Most European countries: 13 Japan: 14
Transmit Power (Typical)	802.11g +14 dBm (54Mbps) 802.11b +16 dBm (11Mbps)
Receiver Sensitivity (Typical)	802.11g -72 dBm (54 Mbps) 802.11b -86 dBm (11Mbps)
Physical Specifications	
Dimensions (mm)	118*54*5
Weight (g)	38
Environment Specifications	
Operating Temperature	0°~50°C
Storage Temperature	-20°~75°C
Humidity	10% to 90% Non-condensing
Operating Voltage	3.3V
Power Consumption	Continuous Transmit: 440 mA (Max.) Continuous Receive: 230 mA (Max.)
Software Specifications	
OS Support	Windows XP/2000/ME/98
Security	WPA, AES, CCX 1.0/2.0 64/128 bit WEP
Standard Support	802.11e draft, 802.11i draft

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