

# ZyXEL G-162/G-360

## 802.11g Wireless CardBus Card

## 802.11g Wireless PCI Adapter



### Benefits

#### 700% Performance Improvement with Wireless g+ SuperSpeed Technology

With ZyXEL Wireless g+ SuperSpeed Technology, all new wireless client adapters from ZyXEL, when used with ZyXEL g+ series APs and routers, achieve actual throughput rates of up to 35Mbps, 700% faster than the conventional 802.11b standard. Compatible with IEEE802.11g/11b, ZyXEL's G-162 wireless g+ Cardbus card or G-360 wireless g+ PCI adapter allows users to enjoy Internet resources, access e-mails; and deliver large files, MP3s or videos with easy and safe high-speed wireless connections.

#### Easy Installation and Intuitive User Interface

The auto setup wizard makes installation quick and simple. Moreover, an intuitive user interface easily guides users through the configuration procedure.

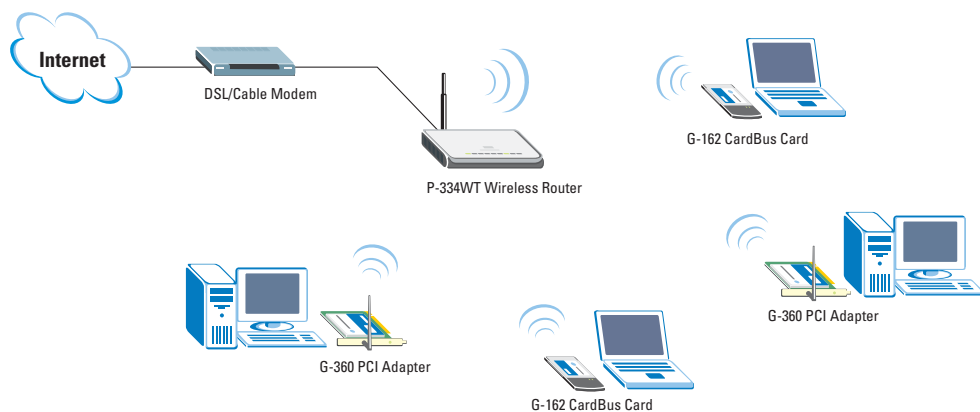
#### Enhanced Wireless Security

In addition to basic 64/128/256-bit WEP encryption, ZyXEL wireless network adapters feature the latest, enhanced wireless security mechanisms such as 802.1x authentication and Wi-Fi Protected Access (WPA). These enhanced security functions only allow authorized users to access the network and thus further protect your data from being tapped during wireless transmission.

### Features

- SuperSpeed technology improves wireless performance by up to 700% when compared with standard wireless b devices
- Works with both IEEE 802.11b and 802.11g (both at 2.4 GHz)
- 64/128/256-bit WEP Encryption and WPA support ensure wireless data security
- Easy installation supported by auto setup wizard and intuitive user interface
- Wi-Fi and WHQL certified
- Multilingual user interface support

### Application Diagram



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## 802.11g Wireless CardBus/802.11g Wireless PCI Adapter

### Feature Matrix

	G-162	G-360
<b>Standard Compliance</b>		
IEEE 802.11g standard	•	•
IEEE 802.11b standard	•	•
<b>Application</b>	Laptop	Desktop
<b>Frequency Range</b>	2.4G ~ 2.4835GHz	
<b>Data Rate (Automatic Fallback)</b>	*125M/54M/48M/36M/24M/22M/12M/11M/9M/6M/5.5M/2M/1Mbps	
<b>Modulation Technique</b>	DBPSK/DQPSK/CCK/OFDM	
<b>Network Architecture</b>	Ad-Hoc Mode (Peer to Peer without AP) & Infrastructure Mode	
<b>Host Interface</b>	32-bit CardBus	PCI
<b>Antenna</b>	Internal patch antenna	External Antenna
<b>Security</b>		
64/128/256-bit WEP	•	•
Wi-Fi Protected Access (WPA)	•	•
<b>Roaming</b>	IEEE 802.11 compliant	
<b>Transmit Output Power</b>		
	17dBm@11M	17dBm@11M
	14dBm@54M	14dBm@54M
<b>Receiver Sensibility</b>		
	-83dbm@11M	-83dbm@11M
	-68dbm@54M	-68dbm@54M
<b>Power Consumption</b>		
	11g: TX: 600mA; RX: 450mA (max)	
	11b: TX: 600mA; RX: 450mA (max)	

\* 125Mbps equivalent throughput activates when used with ZyXEL g+ series APs or wireless routers. Actual performance may be affected by the environment.



This product is designed for the 2.4 GHz WLAN network throughout the EC region

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