

# ZyXEL



## Cost Effective 802.11g Wireless Client Solution



For PCs to share network resources and/or Internet access without connecting with an Ethernet cable, install a wireless client adaptor in each PC. Depending on the type of interface available, you can choose from USB, PCMCIA/Cardbus or PCI wireless client adaptors.

### Benefits

#### High Speed Wireless Access

Compatible with the IEEE 802.11g/11b standard, ZyXEL wireless cards provide users with data rates up to 54Mbps; 5 times faster than 802.11b standard.

#### Enhanced Wireless Security

To fight against hackers and/or unauthorized users, home wireless networks should be protected at all costs. With WPA Pre-shared key (PSK), user identity and data are protected with a secret password. Thanks to ZyXEL's exclusive technology, OTIST\*, (One-Touch Intelligent Security Technology) configuration of WPA PSK security feature works with just a few mouse clicks.

#### Wireless Mobility with Roaming

Use the ZyXEL Utility to set up your wireless network connection with simple mouse clicks. Once set up, you can move freely between access points without disrupting your connection, giving you seamless wireless mobility in the network.

\* only G-120, G-202 support

802.11g Wireless Client

G-120

G-202




G-302 v3

Sold by:

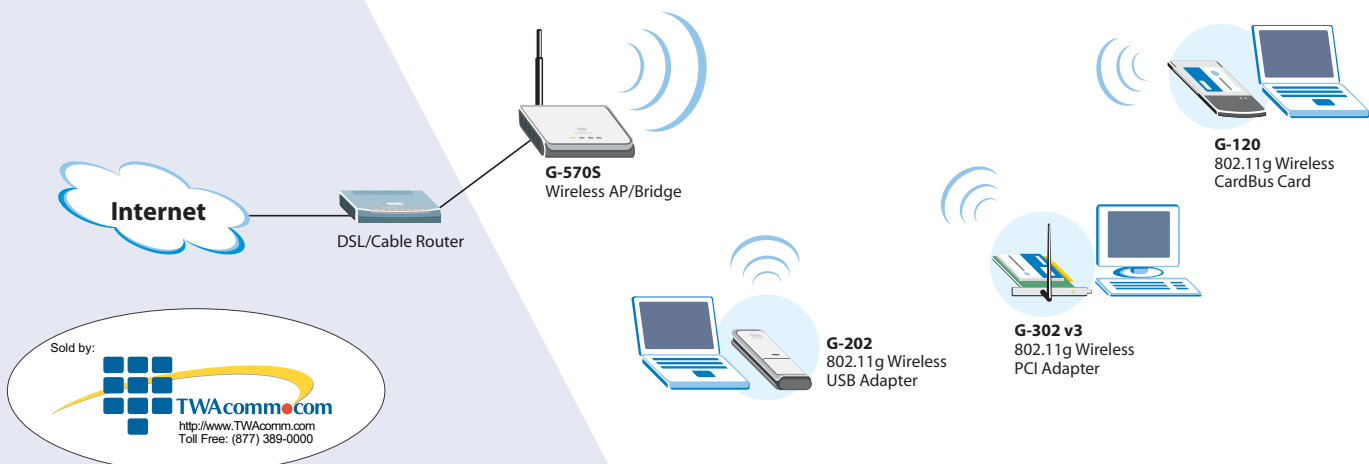


# WIRELESS

## Specifications

Model Number	G-120	G-202	G-302 v3
			
<b>Product Name</b>	802.11g Wireless CardBus Card	802.11g Wireless USB Adapter	802.11g Wireless PCI Adapter
<b>Standard Compliance</b>	IEEE 802.11b/g standard		
<b>Application</b>	Laptop	Laptop/Desktop	Desktop
<b>Frequency Range</b>	2.4G ~ 2.4835GHz		
<b>Data Rate (Automatic Fallback)</b>	54M/48M/36M/24M/18M/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	USB 2.0	PCI
<b>Antenna</b>	Internal Patch Antenna		External Antenna
<b>Security</b>	64/128/256-bit WEP, WPA, WPA2		64/128-bit WEP, WPA, WPA2
<b>Software AP</b>	Future Support	Yes	No
<b>WMM QoS</b>	Yes	Yes	No
<b>Wi-Fi &amp; WHQL Support</b>	Yes	Yes	Yes
<b>Multilingual UI Support</b>	Yes	Yes	Yes
<b>Windows XP 64-Bit Support</b>	Yes	Yes	Yes
<b>OTIST</b>	Yes	Yes	No
<b>Roming</b>	IEEE 802.11 compliant		
<b>Transmit Output Power</b>	802.11b: 18 ± 1dBm @11Mbps (typical 18dBm) 802.11g: 15 ± 1dBm @54Mbps (typical 15dBm)	802.11b: 17 ± 2dBm @11Mbps (typical 18dBm) 802.11g: 14 ± 2dBm @54Mbps (typical 15dBm)	802.11b: 17 ± 1dBm @11Mbps (typical 18dBm) 802.11g: 13 ± 2dBm @54Mbps (typical 15dBm)
<b>Receiver Sensibility</b>	-70dBm @54M, -85dBm @11M		-72dBm @54M, -82dBm @11M
<b>Physical Specifications</b>			
Dimensions	115 (W) x 53 (D) x 6(H) mm	95 (W) x 30 (D) x16 (H) mm	135 (W) x 22 (D) x 122 (H) mm
Weight	40g	21g	60g
<b>Environmental Specifications</b>			
Operating Temperature	0°C ~ 50°C		
Humidity	20% ~ 95%, non-condensing		

## Application Diagram



For more product information, visit us on the web at [www.ZyXEL.com](http://www.ZyXEL.com)