



## XG-624S

IEEE 802.11b/g compliant 2.4 GHz miniPCI card

- With half-size miniPCI
- Compliant with IEEE802.11b/g standard
- RoHS compliant
- Linux driver support

### 54Mbps Data Transfer

XG-624S is based on IEEE802.11g standard, and is completely backward compatible with IEEE802.11b products in the market.

### Security Protection

XG-624S ensures great security by providing the 64/128 Wired Equivalent Privacy (WEP) and WPA/PWA2 support.

### Integration with Least Effort

With Z-COM's exceptional & well-known experience in module business support, our customers need to spend few resources in system integration, EMC prevention, and antenna location selection.

Product Description		
IEEE 802.11b/g Wireless LAN Mini PCI Module		
Host Interface		
32-bit mini-PCI, Type III		
Operating Voltage		
DC3.3V $\pm$ 5%		
Power Consumption		
11bg	TX: $\leq$ 650m A	RX: $\leq$ 300 mA
Radio		
Antenna connector	2 U.FL compliant connectors	
Output Power	IEEE 802.11b: 16dBm @ 11Mbps IEEE 802.11g: 14.5dBm @ 54Mbps	
Sensitivity	IEEE 802.11b :11Mbps: $\leq$ -80dBm ◆IEEE 802.11g :54Mbps: $\leq$ -68dBm	
Operating Frequency	IEEE 802.11b/g ISM Band USA(FCC): 2.412GHz ~ 2.462 GHz (CH1 ~ CH11) Europe(ETSI): 2.412 GHz ~ 2.472 GHz (CH1 ~ CH13) Japan(TELEC) : 2.412 GHz ~ 2.472 GHz (CH1 ~ CH13)	
Modulation	IEEE 802.11b (DSSS): CCK, DQPSK, DBPSK IEEE 802.11g (OFDM/DSSS): QAM-64, QAM-16, QPSK, BPSK	
Software Specification		
Supported OS	Linux 2.6	
Security	WPA/WPA2/WPA-PSK/WPA2-PSK 40- and 128-bit WEP EAP-TLS/EAP-TTLS/EAP-PEAP	
Physical Specification		
Dimension	59.6mm(L)*29.2mm(W)*4.15mm(H)	
Weight	$\leq$ 50 g	
Environment Specification		
	Temperature (Ambient)	Humidity (non-condensing)
Operating	0 ~ 55 $^{\circ}$ C	<90%
Storage	-20 ~ 80 $^{\circ}$ C	5 ~ 90%
Warranty		
12 months		



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