



EW-7128g

802.11g Wireless LAN PC Card IEEE 802.11g/b, WPA Compliant



EW-7128g complies with IEEE802.11g standards and is backward compatible with IEEE802.11b standards. With the connection speed up to 54Mbps (5 times faster than IEEE802.11b), EW-7128g connects the desktop computer to the wireless network easily. You can also connect to any public wireless hotspot for Internet to retrieve e-mail, surf web sites or use instant messaging. EW-7128g gives you the freedom to join the network

Wireless LAN Security

For WLAN security issues, this adaptor supports 64/128-bit WEP data encryption that protects your wireless network from eavesdropping. It also supports WPA (Wi-Fi Protected Access) feature that combines IEEE 802.1x and TKIP (Temporal Key Integrity Protocol) technologies. Client users are required to authorize before accessing to APs or AP Routers, and the data transmitted in the network is encrypted/decrypted by a dynamically changed secret key. Furthermore, this adaptor supports WPA2 function, WPA2 provides a stronger encryption mechanism through AES (Advanced Encryption Standard), which is a requirement for some corporate and government users.

Supports Turbo Mode

This adaptor supports higher data throughput than the IEEE 802.11g standard (up to 54Mbps). It supports specific ways to increase the data transfer rate at a time; compress the data and decrease the waiting time to send the next data to the Routers or APs. This feature is called Turbo Mode. When the adaptor is connecting to the Routers or APs with the proprietary feature, the wireless network will be more effective.

Supports multi-language EZmax setup wizard

The included EZmax setup wizard with 16 languages and friendly UI will walk you through configuring EW-7128g to your wireless network.

Detachable antennas

The detachable antenna with extended cable let you relocate the antenna to receive the best signals. Also, you can change to any external detachable dipole antenna (Connector: RP-SMA), EW-7128g is your choice for wireless connection!

* Maximum performance may vary depending on network conditions and environmental factors.

FEATURES AND TECHNICAL SPECIFICATIONS

- Works with both IEEE 802.11b and IEEE 802.11g products
- High-speed transfer data rate -up to 54Mbps
- High throughput supports multi-media data bandwidth requirement
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x) and AES functions for high level of security
- Detachable antenna with long length cable provides convenience to locate the antenna
- Automatic fallback increases data security and reliability
- Supports the most popular operating system: Windows 98SE/Me/2000/XP
- Supports 32-bit PCI interface

HARDWARE INTERFACE	STANDARD	FREQUENCY BAND
<ul style="list-style-type: none"> • 32-bit PCI • External detachable dipole antenna (Connector: RP-SMA connector, Cable Length: 94 cm) 	<ul style="list-style-type: none"> • IEEE802.11 g/b 	<ul style="list-style-type: none"> • 2.4000~2.4835GHz (Industrial Scientific Medical Band)
DATA RATE	INSTALLATION	LED
<ul style="list-style-type: none"> • 54/48/36/24/18/12/11/9/6/5.5/2/1Mbps auto fallback 	<ul style="list-style-type: none"> • Multi-language EZmax Setup Wizard 	<ul style="list-style-type: none"> • Link , TX/RX
SECURITY	DIMENSION	HUMIDITY & TEMPERATURE
<ul style="list-style-type: none"> • WEP 64/128, • WPA (TKIP with IEEE 802.1x) • WPA2 (AES with IEEE 802.1x) 	<ul style="list-style-type: none"> • 19(H)x127(W)x121(D) 	<ul style="list-style-type: none"> • Max. 95% (Non Condensing) • 32~131°F (0 ~55°C)
SYSTEM REQUIREMENTS	TRANSMIT POWER	CERTIFICATIONS
<ul style="list-style-type: none"> • Windows 98/ME/2000/XP/Vista 	<ul style="list-style-type: none"> • 16 dBm~18dBm 	<ul style="list-style-type: none"> • CE, FCC

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of how the EW-7128g can be setup:

- Connect the EW-7128g wireless Adapter to your computer.
- Setup the Internet connection by running the multi-language EZmax setup wizard.
- Connect to wireless access point or broadband router .

