



EW-7612Pn

300Mbps Wireless 802.11b/g/n PCI Express Adapter



EW-7612Pn is a high-gain wireless PCI Express adapter that provides a simple and easy way to add or upgrade wireless connectivity to your desktop or notebook computer. This high-gain PCI Express adapter supports higher data rates up to 300Mbps when connected to a wireless 802.11n device. You can also connect to any public wireless hotspot for Internet access to retrieve email, surf web sites or use instant messaging. EW-7612Pn gives you the freedom to join the network.

Complies with wireless 802.11b/g/n standards with data rates up to 300Mbps

With the latest wireless 802.11n technology, EW-7612Pn can increase coverage up to 4 times more and reduce "dead spots" within the wireless range. The transmission data rate can reach up to 300Mbps when connected to wireless 802.11n devices, making signals travel farther and wireless connections guaranteed when compared to a standard wireless 802.11b/g network.

Supports multi-language EZmax setup wizard

The included 16-language EZmax setup wizard and friendly UI will walk you through configuring EW-7612Pn to your wireless network.

First-class Reliability

The EW-7612Pn's exceptional chipset offers increased bandwidth and more functionality than other standard PCI network adapters. The adapter is specifically designed to carry the full bandwidth capacity of the PCI Express bus of 2.5Gbps, thus eliminating collisions and latencies that exist with current 32- and 64-bit PCI bus architectures.

Wireless Security

EW-7612Pn supports 64-/128-bit WEP data encryption that protects your wireless network from eavesdropping. It also supports WPA (Wi-Fi Protected Access) features that combine IEEE 802.1x and TKIP (Temporal Key Integrity Protocol) technologies. Furthermore, this adapter supports WPA2 and WPS functions, with WPA2 providing a stronger encryption mechanism through AES (Advanced Encryption Standard), which is a requirement for some corporate and government users. Wi-Fi Protected Setup (WPS) is a standard for easy and secure establishment of a wireless network. EW-7612Pn supports software with WPS-compatible configurations. When both ends of the wireless connection use wireless solutions with WPS, it automatically configures the wireless network with robust WPA data encryption and authentication.

FEATURES AND TECHNICAL SPECIFICATIONS

- Complies with wireless 802.11b/g/n standards with data rates up to 300Mbps
- Increases wireless coverage 4 times farther◎
- Built in 3dBi high-gain detachable antennas
- Includes multi-language EZmax setup wizard
- Supports 64-/128-bit WEP, WPA , WPA2 encryptions and WPS-compatibilities.

HARDWARE INTERFACE SSS	STANDARD	RX SENSITIVITY
<ul style="list-style-type: none"> • PCI-Express™ Base Specification Rev. 1.1 • 2 x 3 dBi High-Gain Detachable Antenna (Connector: RP-SMA) 	<ul style="list-style-type: none"> • IEEE802.11b, 802.11g, 802.11n 	<ul style="list-style-type: none"> • 300Mbps Typical -68dBm • 54Mbps Typical -73dBm • 11Mbps Typical -84dBm
DATA RATES	INSTALLATION	TEMPERATURES
<ul style="list-style-type: none"> • 11b: 1/2/5.5/11Mbps • 11g: 6/9/12/24/36/48/54Mbps • 11n (20MHz): up to 72/144Mbps • 11n (40MHz): up to 150/300Mbps 	<ul style="list-style-type: none"> • Multi-language EZmax Setup Wizard 	<ul style="list-style-type: none"> • Operating : 32~104°F (0~40°C) • Storage : 14~158°F (-10~70°C)
WIRELESS SECURITY	DIMENSIONS	HUMIDITY
<ul style="list-style-type: none"> • WEP 64/128, WPA, WPA2 • Software WPS configurations 	<ul style="list-style-type: none"> • 65.3 x 43 mm (without antenna) 	<ul style="list-style-type: none"> • Operating : 10~90% • Storage : 5~90°F (Non-condensing)
SYSTEM REQUIREMENTS	OUTPUT POWER	CERTIFICATIONS
<ul style="list-style-type: none"> • Windows XP/Vista/7 and Linux OS 	<ul style="list-style-type: none"> • 11n: 13dBm±1dBm, • 11g: 14dBm±1dBm, • 11b: 16dBm±1dBm 	<ul style="list-style-type: none"> • CE, FCC

NETWORK SETUP DIAGRAMS AND RELATED PRODUCTS

How the EW-7612PIn can be setup:

- First, connect the EW-7612PIn wireless adapter to your computer
- Then, set up the wireless connection by running the multi-language EZmax wizard
- Finally, connect to 802.11b/g/n wireless access point or broadband router.

