



EW-7728In

Wireless 32-bit PCI Card



EW-7728In complies with 802.11n draft 2.0, the next generation wireless standard. With the advanced MIMO technology, it can support the data transmission rate 6 times more (up to 300Mbps) and the coverage 3 times more than IEEE 802.11b/g devices. EW-7728In stable wireless connection and high bandwidth enable you enjoying the network applications without any interruption. EW-7728In supports the WPS configuration function.

Wireless 802.11n devices with data rate up to 300Mbps

EW-7728In is complied with wireless 802.11b/g/n standards with latest 11n MIMO technology to increase the wireless speed up to 6 times faster and extends the range 4 times further for reducing "dead spots" within the wireless coverage area. The transmission data rate when connecting with wireless 802.11n devices is up to 300Mbps, which makes signal travel farther and maintain wireless connections much reliable than standard wireless 802.11b/g network.

Supports WPS (Wi-Fi Protected Setup) configuration

Wi-Fi Protected Setup (WPS) is a standard for easy and secure establishment of a wireless network. This wireless USB adapter supports software WPS-compatible configuration. When both ends of the wireless connection use Edimax wireless solution with WPS, it will automatically configure the wireless network with robust WPA data encryption and authentication.

Supports multi-language EZmax setup wizard

The included EZmax setup wizard with 16 languages and friendly UI will walk you through configuring EW-7728In to your wireless network.

Detachable Antenna

EW-7728In also designs three detachable antennas, which recommended for use in combination with EA-MARS to increase wireless coverage.

Easy to use PCI interface

EW-7728In with easy-to-install 32-bit PCI interface - a very common expansion slot of desktop computers - even inexperienced computer user can get this wireless network card installed on his or her computer in just few minutes!

FEATURES AND TECHNICAL SPECIFICATIONS

- Complies with 802.11n, 802.11g and 802.11b standards.
- Provides further coverage, less dead spot and higher throughput (up to 300Mbps) with MIMO technology.
- Supports WMM, WMM-PS and WMM-SA (IEEE 802.11e QoS standards).
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x) and WPA2 (AES with IEEE 802.1x) encryption.
- Supports WPS configuration.
- Provides 3 detachable antennas.
- Supports operating system: Windows 2000/XP/XP64/Vista /Mac OS 10.x

HARDWARE INTERFACE	STANDARD	FREQUENCY BAND
<ul style="list-style-type: none"> • 32-bit PCI • 3 x 3dBi detachable Antennas 	<ul style="list-style-type: none"> • IEEE802.11b/g/n 	<ul style="list-style-type: none"> • 2.4000~2.4835GHz (Industrial Scientific Medical Band)
DATA RATE	INSTALLATION	LED
<ul style="list-style-type: none"> • 11b: 1/2/5.5/11Mbps • 11g: 6/9/12/24/36/48/54Mbps • 11n (20MHz): MCS0-15, 32 with Half Guard Interval Support (up to 144Mbps) • 11n (40MHz): MCS0-15, 32 with Half Guard Interval Support (up to 300Mbps) 	<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, WPA2 • Cisco CCX Support • WPS configuration 	<ul style="list-style-type: none"> • 128(L) x120(W)x18(H) mm 	<ul style="list-style-type: none"> • Max. 95% (Non Condensing) • 32~131°F (0~55°C)
SYSTEM REQUIREMENTS	OUTPUT POWER	CERTIFICATIONS
<ul style="list-style-type: none"> • Windows 2000/XP/XP 64/Vista/Mac OS 10.X 	<ul style="list-style-type: none"> • 16dBm ± 2dBm 	<ul style="list-style-type: none"> • CE, FCC

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of how the EW-7728In can be setup:

- Connect EW-7728In wireless adapter to your computer.
- Setup the Internet connection by running the multi-language EZmax setup wizard.
- Connects to 802.11b/g/n wireless access point or broadband router.

