



EW-7612HPn



300 Mbps WiFi 802.11b/g/n USB Adapter with Ultra High Power & Sensitivity!



EW-7612HPn is a high power wireless USB adapter which increases the wireless signal strength and extends wireless coverage. This high power USB adapter supports a high data rate of 300 mpbs (RCV) when connected to a wireless 802.11n device. You will see more networks and reach farther than you have ever experienced.

Complies with wireless 802.11n devices with data rate up to 300Mbps (RCV Channel)

With its Patents Pending technology, the highly sensitive dual receive channels each has a LNA (Low Noise Amplifier) stage. This is similar to Satalite communication so that you'll get better signal-to-noise ratio with the benefits of the longest range with the strongest signal.

Built in High Power Technology and 5dBi high gain detachable antenna

EW-7612HPn built in high power technology and high gain 5dBi detachable antenna that can help you to extend wireless coverage. The detachable antenna with extended USB cable let you relocate the antenna to receive the best signals. Also, you can change to any high gain aerial with RP-SMA interface. Its rotatable and detachable 5dBi high gain antenna makes the wireless transmission more stable and reach farther. EW-7612HPn is your choice for wireless connection!

Multi-language EZmax setup wizard

It comes with 16 languages EZmax setup wizard. The user-friendly setup wizard interface will guide you through to configure the EW-7612HPn and connect to your wireless network.

Wireless Security

EW-7612HPn 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 technologies. Furthermore, this adaptor supports WPA2 and WPS functions, WPA2 provides a stronger encryption mechanism through AES , 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-7612HPn supports software WPS-compatible configuration. When both ends of the wireless connection use wireless solution with WPS, it will automatically configure the wireless network with robust WPA data encryption and authentication.



FEATURES AND TECHNICAL SPECIFICATIONS

- Complies with 802.11b/g/n standard with data rate up to 300Mbps (RCV channel)
- Ultra high power: up to 600 mw Transmit & -95 dBm RCV Sensitivity
- 2 RCV Channels with Patent Pending LNA (Low Noise Amplifier) stage
- Includes a detachable high gain 5 dBi Antenna
- Supports 64/128-bit WEP, WPA , WPA2 encryption, 802.1x and WPS-compatible.

HARDWARE INTERFACE	STANDARD & FREQUENCY BAND	SENSITIVITY
<ul style="list-style-type: none"> • One (1) USB 1.0/2.0 Type A • 5dBi High-Gain rotatable & detachable antenna 	<ul style="list-style-type: none"> • IEEE802.11b/g/n • 24000~2.4835GHz 	<ul style="list-style-type: none"> • -90 dBm @802.11n • -92 dBm @802.11g • -95 dBm @802.11b
DATA RATE	INSTALLATION	LED & OPERATION VOLTAGE
<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"> • Link/Activity • 5V
SECURITY	DIMENSION	HUMIDITY & TEMPERATURE
<ul style="list-style-type: none"> • WEP 64/128, WPA, WPA2, 802.1x • Software WPS configuration 	<ul style="list-style-type: none"> • 94(L) x 56(W) x 16(H) mm(without antenna) 	<ul style="list-style-type: none"> • Max. 95% (Non Condensing) • 32~104°F (0~40°C)
SYSTEM REQUIREMENTS	OUTPUT POWER	CERTIFICATIONS
<ul style="list-style-type: none"> • Windows 2000/XP/Vista/7, Linux and Mac OS 	<ul style="list-style-type: none"> • 11n: 22 dBm±1dBm • 11g: 24 dBm±1dBm, • 11b: 28 dBm±1dBm 	<ul style="list-style-type: none"> • CE, FCC

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

An example of how the EW-7612HPn can be setup:

- Connects the EW-7612HPn wireless adapter to your computer.
- Sets up the wireless connection by running the multi-language EZmax wizard.
- Connects to 802.11b/g/n wireless access point or broadband router.

