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 higher data rates up to 300Mbps when connected to a wireless 802.11n device. Simply plug it into a computer's USB port and you can enjoy its incredibly high-speed wireless performance.

**Complies with wireless 802.11n devices with data rate up to 300Mbps**
With the latest wireless 802.11n technology built into it, the transmission data rate when connected to wireless 802.11n devices can reach up to 300Mbps, making signal travel farther and guarantee wireless connections compared to a standard wireless 802.11b/g network.

**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.

* The EZMax Setup CD Wizard only supports Edimax wireless Series.
FEATURES AND TECHNICAL SPECIFICATIONS

- Complies with wireless 802.11b/g/n standards with data rate up to 300Mbps
- Built in high power technology
- Built in 5dBi Detachable Antenna
- Includes multi-language EZmax setup wizard.
- Supports 64/128-bit WEP, WPA, WPA2 encryption, 802.1x and WPS-compatible.

HARDWARE INTERFACE

<table>
<thead>
<tr>
<th>Standard &amp; Frequency Band</th>
<th>Sensitivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>802.11b/g/n</td>
<td>-70dBm @802.11n</td>
</tr>
<tr>
<td>24000~2.4835GHz</td>
<td>-78dBm @802.11g</td>
</tr>
<tr>
<td></td>
<td>-85dBm @802.11b</td>
</tr>
</tbody>
</table>

DATA RATE

- 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

DATA RATE INSTALLATION

- Multi-language EZmax Setup Wizard

LED & OPERATION VOLTAGE

- Link/Activity
- 5V

SECURITY

- WEP 64/128, WPA, WPA2, 802.1x
- Software WPS configuration

DIMENSION

| 94(L) x 56(W) x 16(H) mm (without antenna) |

HYDROGEN & TEMPERATURE

| Max. 95% (Non Condensing) |
| 32~104°F (0~40°C) |

SYSTEM REQUIREMENTS

- Windows 2000/XP/Vista/7, Linux and Mac OS
- 11n: 22dBm±1dBm,
- 11g: 24dBm±1dBm,
- 11b: 28dBm±1dBm

CERTIFICATIONS

- 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.

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