EDIMAX
NETWORKING PEOPLE TOGETHER

Setup Wizard
EZmax

EW-7612UAn

300Mbps Wireless 802.11b/g/n USB Adapter

300 Mbps | **EZmax** | **MAC** | **WPS** | **Linux** | **Windows7 support**

Simply plug your new Edimax EW-7612UAn USB adapter into your computer's USB port, and you can enjoy high-speed wireless network access in just a few seconds. This wireless USB adapter provides a quick and simple way to add or upgrade the wireless connectivity of your desktop, laptop, or notebook computer. You can enjoy transfer rates as high as 300Mbps* when your Edimax EW-7612UAn USB adapter is connected to wireless 802.11n-compatible devices.

Wireless 802.11n Standard (data rates up to 300Mbps*)
Edimax EW-7612UAn has an extended wireless coverage and a higher data transfer rate. It is equipped with the latest wireless technology, which enables it to eliminate wireless dead spots while extending its wireless coverage by 4 times. The EW-7612UAn USB adapter is compatible with IEEE802.11b/g/n wireless standards, and is capable of transferring data at up to 300Mbps when connected to 802.11n wireless devices. The wireless technology in the Edimax EW-7612UAn USB adapter also extends its wireless signal distance, and provides more reliable wireless connections than traditional IEEE802.11b/g wireless networks.

Features a Hardware WPS (Wi-Fi Protected Setup) Button
Wi-Fi Protected Setup (WPS) is a new technology designed to establish a secure wireless network in a fast and easy way. If the wireless device you wish to connect supports WPS, the Edimax EW-7612UAn USB adapter will be able to establish a secure, encrypted WPA data connection with it. All you need to do is press the button, and you are set to go. The Edimax EW-7612UAn USB adapter supports both hardware (button) and software (web page) WPS.

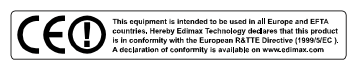## Features Multi-Language EZmax Setup Wizard*
Edimax EW-7612UAn includes an EZmax setup wizard—a setup application available in 16 languages, which will assist you in connecting your new EW-7612UAn USB adapter with wireless networks in no time.

Built-in 3dBi Antenna and Hardwire USB Cable for Improved Wireless Performance
EW-7612UAn not only has a built-in 3dBi high gain antenna, it is also bundled with a free hardwire USB cable for improved wireless performance. When using EW-7612UAn with the hardwire USB cable, it provides better wireless performance at no extra cost.

* Receive PHY rate : 300Mbps
  Transmit PHY rate : 150Mbps.
* The EZMax Setup CD Wizard only supports the Edimax wireless Series.

SGS UKAS | RoHS | FC | CE①

This equipment is intended to be used in all Europe and EFTA countries. Hereby Edimax Technology declares that this product is in conformity with the European R&TTE Directive (1999/5/EC). A declaration of conformity is available on www.edimax.com

FEATURES AND TECHNICAL SPECIFICATIONS

❋ Complies with wireless 802.11b/g/n standards with data rate up to 300Mbps*
❋ Extends wireless coverage for 4 times*
❋ Includes multi-language EZmax setup wizard.
❋ Supports 64/128-bit WEP, WPA , WPA2, WPS and IEEE802.1x encryption for wireless security
❋ Supports WMM

HARDWARE INTERFACE	STANDARD	FREQUENCY BAND
❋ 1 USB 1.0/2.0 Type A ❋ Hardware WPS button ❋ high gain 3 dBi Antennas	❋ IEEE802.11b, 802.11g, 802.11n	❋ 2.4000~2.4835GHz (Industrial Scientific Medical Band)

DATA RATE	INSTALLATION	LED
❋ 11b: 1/2/5.5/11Mbps ； 11g: 6/9/12/24/36/48/54Mbps ❋ 11n (20MHz): MCS0-7, 32 with half guard Interval support (up to 72Mbps) ❋ 11n (40MHz): MCS0-7, 32 with half guard Interval support (up to 150Mbps)	❋ Multi-language EZmax Setup Wizard	❋ Link/Activity

SECURITY	DIMENSION	HUMIDITY & TEMPERATURE
❋ WEP 64/128, WPA, WPA2 and IEEE802.1x ❋ Supports WMM ❋ Hardware and Software WPS configuration	❋ 155(H) x 15(W) x 15(D) mm	❋ Max. 95% (Non Condensing) ❋ 32~104˚F (0~40˚C)

SYSTEM REQUIREMENTS	OUTPUT POWER	CERTIFICATIONS
❋ Windows 2000/XP/Vista/7 , Mac 10.4.x or above and Linux	❋ 11n: 14dBm±1dBm, ❋ 11g: 14dBm±1dBm, ❋ 11b: 17dBm±1dBm	❋ CE, FCC

NETWORK SETUP DIAGRAM AND RELATED PRODUCTS

Example Edimax EW-7612UAn setup:
• Plug the mini wireless adapter into your computer.
• Setup the wireless connection by running EZmax wizard.
• Connect to 802.11b/g/n wireless access point or wireless broadband router.

Internet

*EW-7722In
PCI Adapter*

*AR-7284WnA
ADSL Modem Router*

EW-7811Un USB Adapter

*EW-7612UAn
USB Adapter*

 * Receive PHY rate : 300Mbps
   Transmit PHY rate : 150Mbps.
 * Maximum performance may vary depending on network conditions and environmental factors.