EDIMAX
NETWORKING PEOPLE TOGETHER

150Mbps Transfer Speed

Easy Setup Wizard

Energy Saving

Nano Size

Windows 10 Compatible

Mac OS X Compatible



EW-7811Un

N150 Wi-Fi Nano USB Adapter
Ideal for Raspberry Pi

EW-7811Un is a nano USB wireless adapter that supports maximum range and speed. Despite the size, this tiny USB adapter supports higher data rate of up to 150Mbps when connecting with wireless 802.11n device which is 3 times faster than your normally 11g connection. You can just plug it into computer's USB port and enjoy incredible high-speed wireless network access. This is for sure the trendiest piece of upgrade you can make to your wireless network.

Complies with wireless 802.11n standards with data rate up to 150Mbps

EW-7811Un complies with wireless IEEE802.11b/g/n standards. As being built with the latest wireless technology, the EW-7811Un can increase your wireless coverage up to 3 times* as much and greatly help reduce “dead spots” compared to your old 11g adapter. The transmission data rate can go up to 150Mbps when connected to a 802.11n device, with signal travel further and connection a lot more stable compared to your previous 802.11g network .

Supports Green WLAN

EW-7811Un has adapted a clever protocol in smart transmission power control. The adapter smartly adjust transmission output by distance and CPU offload to help reduce power consumption when wireless is idle. With the green WLAN technology, the power consumption can be reduced up to 20% ~ 50%. The adapter does not just provide you with the best wireless technology in the world, it also care for the environment by using less energy and your pocket by saving up on your electric bills.

Supports WPS (Wi-Fi Protected Setup)

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. By pressing 2 buttons, your wireless network is immediately secured providing your wireless router will also support this great easy function.

Supports multi-language easy setup wizard

The included 16 languages easy setup wizard and friendly UI will walk you through configuring EW-7811Un to your wireless network.

Portable and compact design

EW-7811Un is currently the smallest wireless adapter. The compact design of EW-7811Un is convenient to carry for all mobile users. It also means you will not be able to accidentally snap your USB adapter anymore as it is hidden very well once it is plugged into the USB port.



*Maximum performance, actual data rates, and coverage will vary depending on network conditions and environmental factors. Product specifications and design are subject to change without notice.

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N150 Wi-Fi Nano USB Adapter
Ideal for Raspberry Pi

EW-7811Un

FEATURES AND TECHNICAL SPECIFICATIONS

- Complies with wireless 802.11b/g/n standards with data rate up to 150Mbps
- Green Power Saving : supports smart transmit power control and auto-idle state adjustment
- Increases wireless coverage 3 times* further
- Includes multi-language easy setup wizard
- Supports 64/128-bit WEP, WPA , WPA2 encryption and WPS-compatible
- Supports QoS-WMM, WMM-Power Save mode

TECHNICAL SPECIFICATIONS

HARDWARE INTERFACE	STANDARD	FREQUENCY BAND
1 USB 1.0/2.0 Type A Internal Antenna	IEEE802.11b, 802.11g, 802.11n	2.4000~2.4835GHz (Industrial Scientific Medical Band)
DATA RATE	**INSTALLATION**	**LED & DIMENSION**
11b: 1/2/5.5/11Mbps 11g: 6/9/12/24/36/48/54Mbps 11n (20MHz): MCS0-7 (up to 72Mbps) 11n (40MHz): MCS0-7 (up to 150Mbps)	Multi-language easy setup wizard with auto run configuration	Link/Activity 7.1(H) x 14.9 (W) x 18.5 (D) mm
SECURITY	**OUTPUT POWER**	**HUMIDITY & TEMPERATURE**
WEP 64/128, WPA and WPA2 Software WPS configuration	11b:17 ±1.5dbm 11g:b:15 ±1.5dbm 11n:14 ±1.5dbm	Operating : 10~90% (Non Condensing) Storage : Max. 95% (Non Condensing) Operating : 32~104˚F (0~40˚C) Storage : -4~140˚F (-20~60˚C)
SYSTEM REQUIREMENTS	**RECEIVE SENSITIVITY**	**CERTIFICATIONS**
Windows XP/Vista/7/8/8.1/10 Linux & Mac OS	11n(20MHz)@MCS7: -68dBm±2dBm 11n(40MHz)@MCS7: -64dBm±2dBm 11g@54Mbps: -71dBm±2dBm 11b@11Mbps: -81dBm±2dBm	CE, FCC , WiFi

APPLICATION DIAGRAM

An example of how the EW-7811Un can be setup:

- Connects the EW-7811Un wireless adapter to your computer.
- Setups the wireless connection by running the multi-language easy setup wizard.
- Connects to 802.11b/g/n wireless access point or broadband router.





Ideal for Raspberry Pi/Pi 2
Plug & Play!

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Edimax Technology Co., Ltd
6F., No.3, Wu-Chuan 3rd Road, Wu-Gu,
New Taipei City 24891, Taiwan
Email: sales@edimax.com.tw

Edimax Technology Europe B.V.
Fijenhof 2, 5652 AE Eindhoven,
The Netherlands
Email: sales@edimax.nl

Edimax Computer Company
3350 Scott Blvd., Bldg.15 Santa Clara,
CA 95054, USA
Email : sales@edimax.com