Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



# Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

![EDIMAX NETWORKING PEOPLE TOGETHER]

**N150**
150Mbps Transfer Speed

Easy Setup Wizard

Energy Saving

Nano Size

**Windows 10 Compatible**
Windows 10 Compatible

**Mac OS X 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.
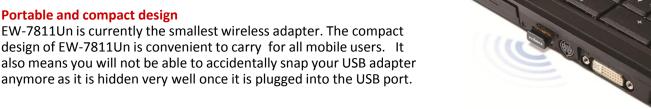
### Supports WPS (Wi-Fi Protected Setup)

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.

# 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 <br> * 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 <br> * 11g: 6/9/12/24/36/48/54Mbps <br> * 11n (20MHz): MCS0-7 (up to 72Mbps) <br> * 11n (40MHz): MCS0-7 (up to 150Mbps) | * Multi-language easy setup wizard with auto run configuration | * Link/Activity <br> * 7.1(H) x 14.9 (W) x 18.5 (D) mm |
| **SECURITY** | **OUTPUT POWER** | **HUMIDITY & TEMPERATURE** |
| * WEP 64/128, WPA and WPA2 <br> * Software WPS configuration | * 11b:17 ±1.5dbm <br> * 11g:b:15 ±1.5dbm <br> * 11n:14 ±1.5dbm | * Operating : 10~90% (Non Condensing) Storage : Max. 95% (Non Condensing) <br> * 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 <br> * Linux & Mac OS | * 11n(20MHz)@MCS7: -68dBm±2dBm 11n(40MHz)@MCS7: -64dBm±2dBm <br> * 11g@54Mbps: -71dBm±2dBm <br> * 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.



Internet

Wi-Fi Router

EW-7811Un
Wi-Fi USB Adapter

Ideal for Raspberry Pi/Pi 2
**Plug & Play!**

www.edimax.com