EW-7822UN7

BE6500 Wi-Fi 7 Tri-Band Nano USB Adapter

Quick Installation Guide

03-2025 / V1.0

I. Windows Plug-and-Play Installation

| Insert | Plug-and-Play | Connect |

I-1.   Insert

Insert EW-7822UN7 into your computer.

⚠️ **Before inserting the device into your computer, please disable all the existing Wi-Fi adapter. (Refer to FAQ -> Q2)**

I-2.   Plug-and-Play

1. The icon 🌐 will be displayed on the right-bottom Windows taskbar if the Plug-and-Play is supported. (Refer to III. FAQ -> Q1)

⚠️ **If your computer doesn't support Plug-and-Play for EW-7822UN7. Please go to Section II-2: Built-in Driver Installation**

2. Click the icon to connect to the Wi-Fi network. The icon might be different depending on your OS version.
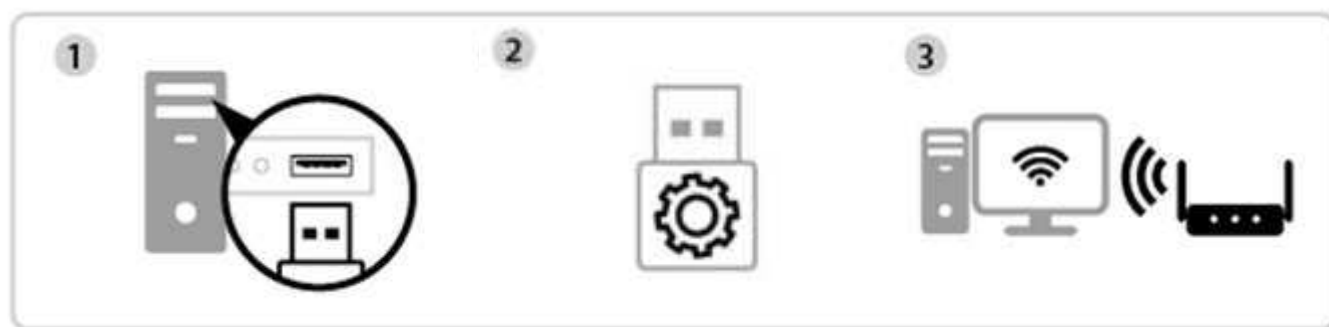

I-3.   Connect to the Wi-Fi Network

Select your Wi-Fi Network (SSID), click "**Connect**" and enter the password if it is required.

II. Built-in Driver Installation

| Insert | Install the Driver | Connect |

II-1. Insert

Insert EW-7822UN7 into your computer

Before inserting the device into your computer, please disable all the existing Wi-Fi adapter. (Refer to FAQ -> Q2)

II-2. Install the Built-in Driver

1. After inserting the EW-7822UN7 into the computer, find the name "**Edimax_7822UN7**" as a local Disk(CD Drive).

CD Drive (E) Edimax_-7822UN7

2. Enter the folder where the driver "**EW-7822UN7_SetupWizard.exe**" are located.

EW-7822UN7_SetupWizard.exe

3. Click on **EW-7822UN7_SetupWizard**
   Click on **Install** button and
   Follow the system prompts to complete the driver installation.

II-3. Connect to the Network

1. Click the icon on the windows taskbar to connect to the Wi-Fi network. The icon might be different depending on your OS versions.

2. Select your Wi-Fi network (SSID), connect and enter the password if it is required.

III.   Downlad & Install the Driver

Insert   Download & Install   Connect

III-1   Insert

Insert EW-7822UN7 into your computer

⚠ Before inserting the device into your computer, please disable all the existing Wi-Fi adapter. (Refer to FAQ -> Q2)

III-2   Download & Install the Driver

1. Download latest drivers from Edimax website Please access the link below. Search the model name in the search box and download the up to date drivers.
https://www.edimax.com/download

2. Unzip the downloaded file and run the "**EW-7822UN7_SetupWizard.exe**".
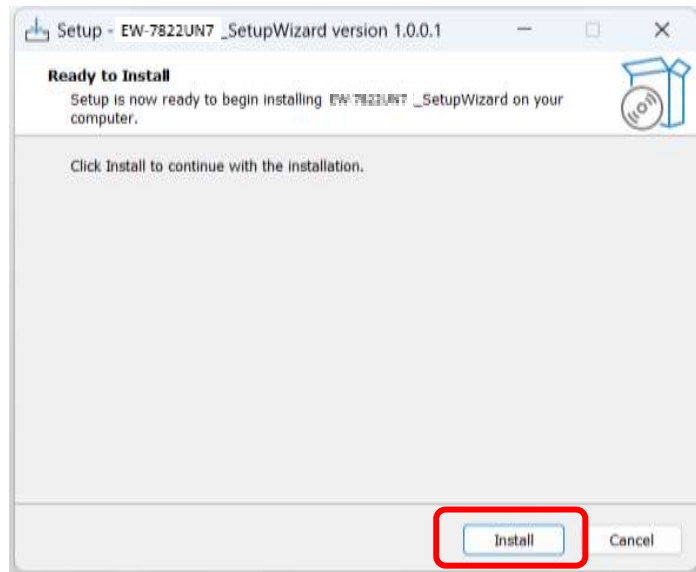

EW-7822UN7_SetupWizard.exe

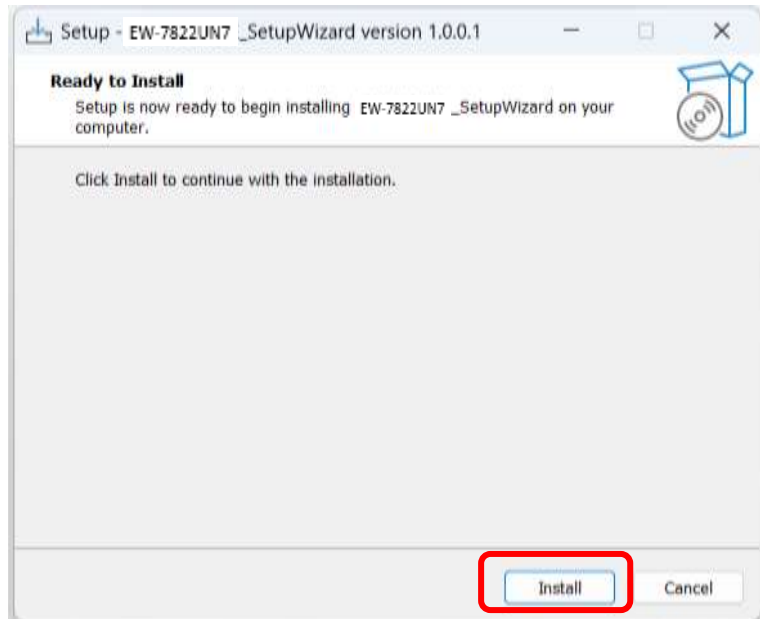**3.** Click on **EW-7822UN7_SetupWizard**
Click on **Install** button and Follow the system prompts to complete the driver installation.
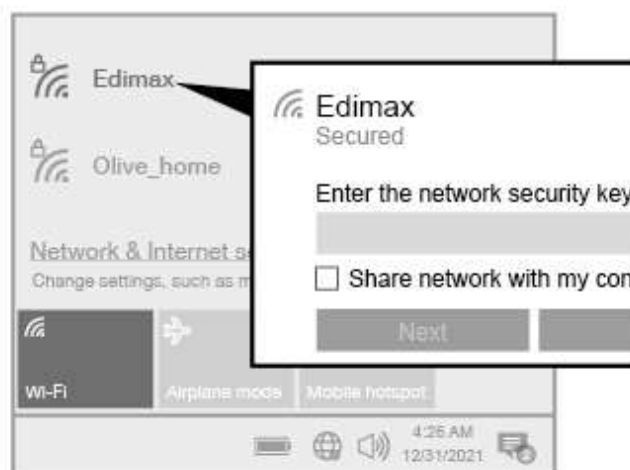

III-3 Connect to Wi-Fi Network

1. Click the icon ⊕ on the windows taskbar to connect to the Wi-Fi network. The icon might be different depending on your OS versions.

2. Select your Wi-Fi network (SSID), connect and enter the password if it is required.

IV.   Frequently AskedQuestion (FAQ)

Q1. Why the Wi-Fi icon doesn't display on the Windows taskbar?

Your computer doesn't support Plug-and-Play for this device. Please go to Section II-2: **Built-in Driver Installation**

or

Section III-2: **Download & Install the Driver**

Q2. How to disable the existing Wi-Fi adapter?

Right-click the Windows **Start** button 🪟 , and select the "**Device Manager**". Double-click the"**Network Adapter**" to expand all the network adapters. Right-click on the target network adapter and disable it.

Multiple Wi-Fi adapers may be used in specified scenario, you can enable the existing Wi-Fi adapter(s) after the EW-7822UN7 works with your computer properly.

V.   More Information

For more information, please visit our website with the following URL or scan the QR code:

https://www.edimax.com/download

Please search the model name to enter the referred page.

Download

To select your product and find related download materials, enter the model number into the search box on the right side or follow the simple steps below:
*Feel free to contact us anytime if you need help or if you can't find your product.

Model no.   How do I find the model number?

VI.   Safety Instructions

The following general safety guidelines are provided to help ensure your own personal safety and protect your product from potential damage. Remember to consult the product user instructions for more details.

- This product is designed for indoor use only.
- Static electricity can be harmful to electronic components. Discharge static electricity from your body (i.e. touching grounded bare metal) before touching the product.
- The device contains no user serviceable parts. Do not attempt to service the product and never disassemble the product.
- Do not spill food or liquid on your product and never push any objects into the openings of your product.
- Do not use this product near water, areas with high humidity, or condensation.
- Keep the product away from radiators and other heat sources.
- This device is not designed to be operated by children.
- Always unplug the product from mains power before cleaning and use a dry lint free cloth only

VII.   Simplified EU Declaration of Conformity

Hereby, Edimax Technology declares that the radio equipment type, Wi-Fi USB Adapter, is in compliance with Directive 2014/53/EU, 2014/35/EU.

The full text of the EU declaration of conformity is available at the following internet address:

https://www.edimax.com/download/doc

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The product you have purchased and the setup screen may appear slightly different from those shown in this QIG. The software and specifications are subject to change without notice. Please visit our website www.edimax.com for updates. All brand and product names mentioned in this manual are trademarks and/or registered trademarks of their respective holders.

Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

FCC Caution

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

Federal Communication Commission (FCC) Radiation Exposure Statement

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device was tested for typical lap held operations with the device contacted directly to the human body to the back side of the notebook computer. To maintain compliance with FCC RF exposure compliance requirements, avoid direct contact to the transmitting antenna during transmitting.

Body SAR

This product meets applicable national SAR limits of 1.6W/kg. The highest SAR value reported under this standard during product certification is 1.19 Wkg.

When carrying the product or using it while worn on your body, maintain a distance of 0.5cm from the body to ensure compliance with RF exposure requirements.

We, Edimax, are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

Transmitters in the 5.925-7.125 GHz band are prohibited from operating to control or communicate with unmanned aircraft systems.

RED Compliance Statement

Compliance with 2014/53/EU Radio Equipment Directive (RED)

In accordance with Article 10.8(a) and 10.8(b) of the RED, the following table provides information on the frequency bands used and the maximum RF transmit power of the product for sale in the EU:

P/N	Frequency range (MHz)	Max. Transmit Power (dBm)
EW-7822UN7	2412 - 2472	16.02
	5150 - 5350	16.29
	5470 – 5725	16.60
	5945 - 6425	17.14

A simplified DoC shall be provided as follows: Article 10(9)

Hereby, Edimax Technology Co., Ltd. declares that the radio equipment is in compliance with Directive 2014/53/EU

The full text of the EU declaration of conformity is available at the following internet address: http://www.edimax.com/edimax/global/

This device meets the EU RED requirements on the limitation of exposure of the general public to electromagnetic fields by way of health protection. This device has been tested and meets the ICNIRP exposure guidelines and the European SAR is measured with this device at a separation of 0.5cm to the body, while transmitting at the highest certified output power level in all frequency bands of this device. Carry this device at least 0.5cm away from your body to ensure exposure levels remain at or below the as-tested levels.

For class 2 device (supporting WLAN 5GHz: 5150-5350 MHz)
The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

AT	BE	BG	HR	CY	CZ	DK		
EE	FI	FR	DE	EL	HU	IE		
IT	LV	LT	LU	MT	NL	PL		
PT	RO	SK	SI	ES	SE	UK	UK(NI)	

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

EU Countries Intended for Use

The ETSI version of this device is intended for home and office use in Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Turkey, and United Kingdom. The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.

EU Countries Not Intended for Use

None

EU Declaration of Conformity

English: This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU, 2014/35/EU.

Français: Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 2014/53/EU, 2014/35/EU.

Čeština: Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 2014/53/EU, 2014/35/EU.

Polski: Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 2014/53/EU, 2014/35/EU.

Română: Acest echipament este în conformitate cu cerinţele esenţiale şi alte prevederi relevante ale Directivei 2014/53/UE, 2014/35/UE.

Русский: Это оборудование соответствует основным требованиям и положениям Директивы 2014/53/EU, 2014/35/EU.

Magyar: Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek (2014/53/EU, 2014/35/EU).

Türkçe: Bu cihaz 2014/53/EU, 2014/35/EU direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur.

Українська: Обладнання відповідає вимогам і умовам директиви 2014/53/EU, 2014/35/EU.

Slovenčina: Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 2014/53/EU, 2014/35/EU.

Deutsch: Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 2014/53/EU, 2014/35/EU.

Español: El presente equipo cumple los requisitos esenciales de la Directiva 2014/53/EU, 2014/35/EU.

Italiano: Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 2014/53/EU, 2014/35/UE.

Nederlands: Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 2014/53/EU, 2014/35/EU.

Português: Este equipamento cumpre os requesitos essênciais da Directiva 2014/53/EU, 2014/35/EU.

Norsk: Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 2014/53/EU, 2014/35/EU.

Svenska: Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 2014/53/EU, 2014/35/EU.

Dansk: Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 2014/53/EU, 2014/35/EU.

suomen kieli: Tämä laite täyttää direktiivien 2014/53/EU, 2014/35/EU. oleelliset vaatimukset ja muut asiaankuuluvat määräykset.

FOR USE IN AT BE BG CZ DK DE EE IE EL ES FR HR IT CY LV LT LU HU MT NL PL PT RO SI SK FI SE UK MK TR IS LI NO CH RU UA

CE FC R-NZ EHL

WEEE Directive & Product Disposal

At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.