

EW-7822UBE

BE6500 Wi-Fi 7 Tri-Band USB Adapter

User Manual

03-2025 / V1.0

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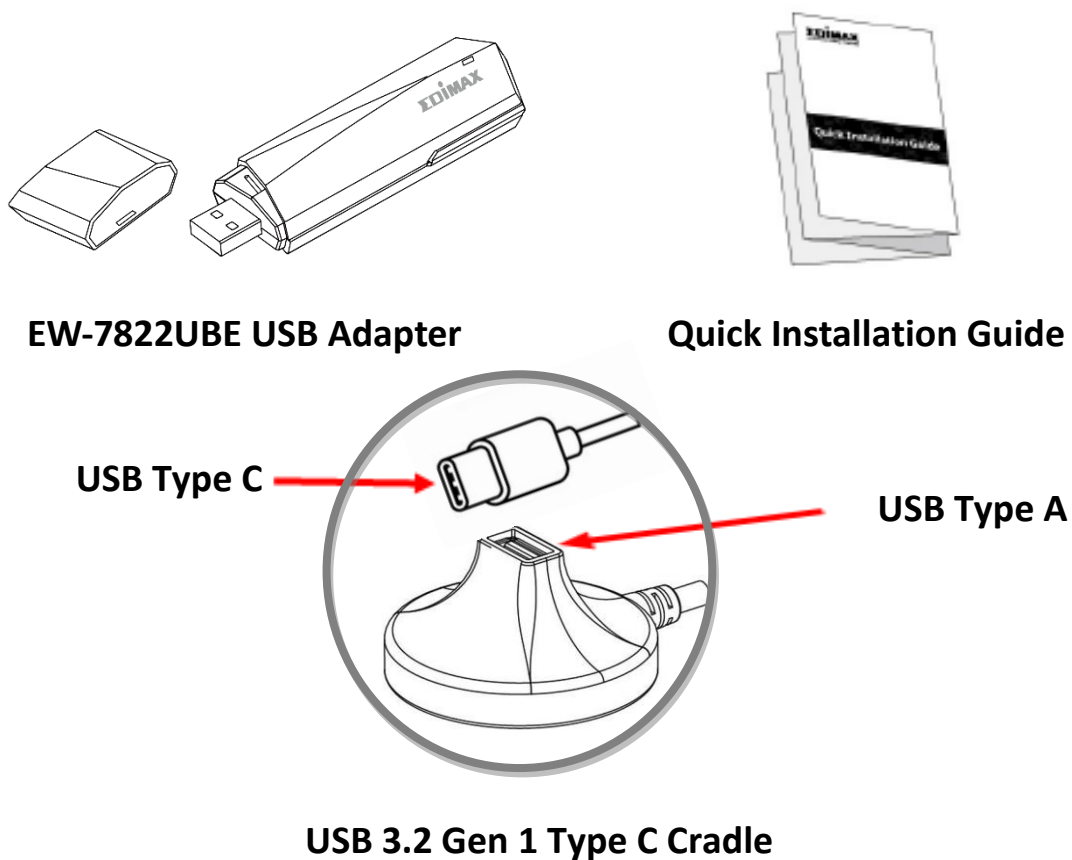
Edimax Computer Company

530 Technology Drive Suite 100, Irvine, CA 92618, USA

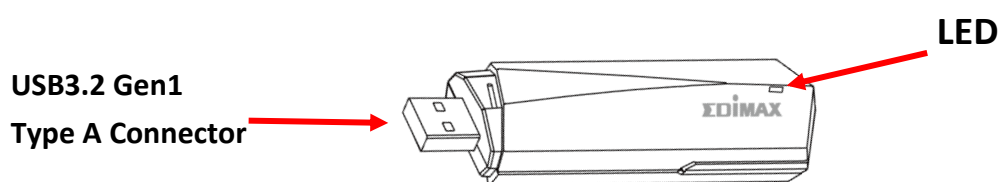
Email: support@edimax.us

I. Product Information

I-1. Package Contents



I-2. Hardware Overview



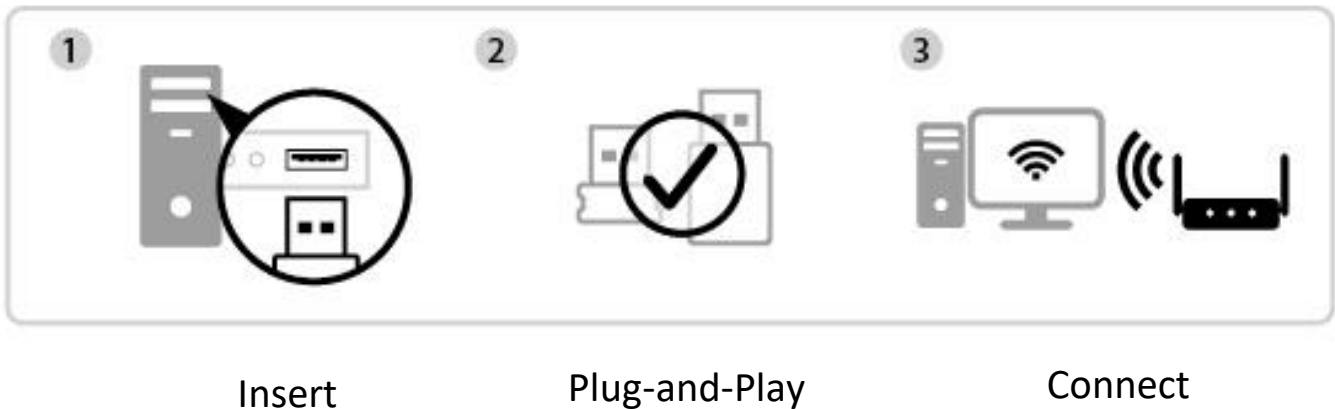
I-3. LED Status

LED Status	Description
Flashing	Linked to a Wi-Fi Network or Data transmitting
Off	No Wi-Fi connection

II. Windows Plug-and-Play Installation



II-1. Windows 10/11 Plug-and-Play Installation



II-1-1. Insert

Insert EW-7822UBE into your computer.

II-1-2. Wi-Fi Plug-and-Play

1. Click on the icon  on the Windows taskbar. If the Wi-Fi icon  is shown, Windows Plug-and-Play is supported. (Refer to V. FAQ -> Q1)



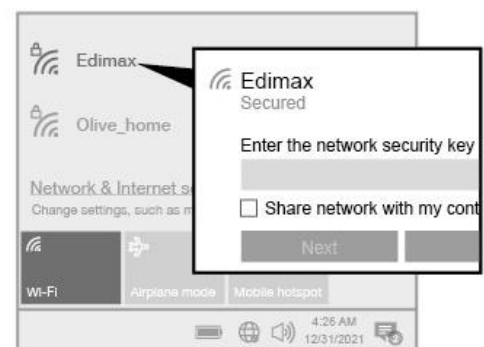
Note: If your computer doesn't support Plug-and-Play for EW-7822UBE device. Please go to [Section III. Built-in Driver Installation](#)

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



3. Connect to Wi-Fi Network

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



III. Built-in Driver Installation



III-1. Windows 10/11 Built-in Driver Installation



III-1-1. Insert

Insert EW-7822UBE into your computer



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

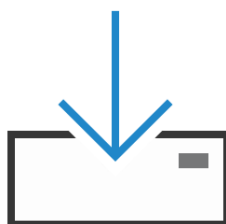
III-1-2. Install the Built-in Driver

1. After inserting the EW-7822UBE into the computer, find the name “Edimax_7822UBE” as a local Disk(CD Drive).



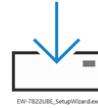
CD Drive (E) Edimax_7822UBE

2. Enter the folder where the driver “EW-7822UBE_SetupWizard.exe” are located.



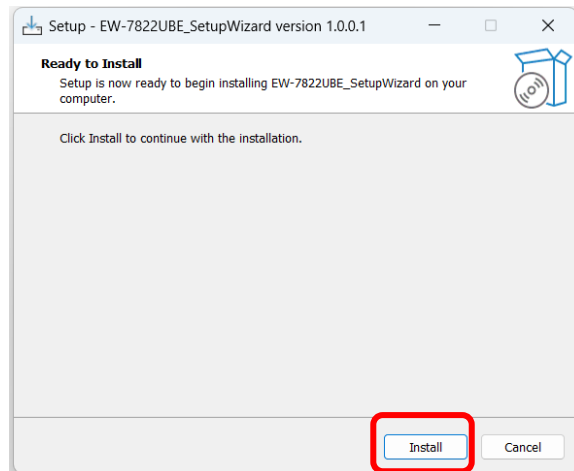
EW-7822UBE_SetupWizard.exe

3. Click on **EW-7822UBE_SetupWizard**



Click on **Install** button and

Follow the system prompts to complete the driver installation.



III-1-3. Connect to your Network

1. Click the  icon on the windows taskbar to connect to the Wi-Fi network.



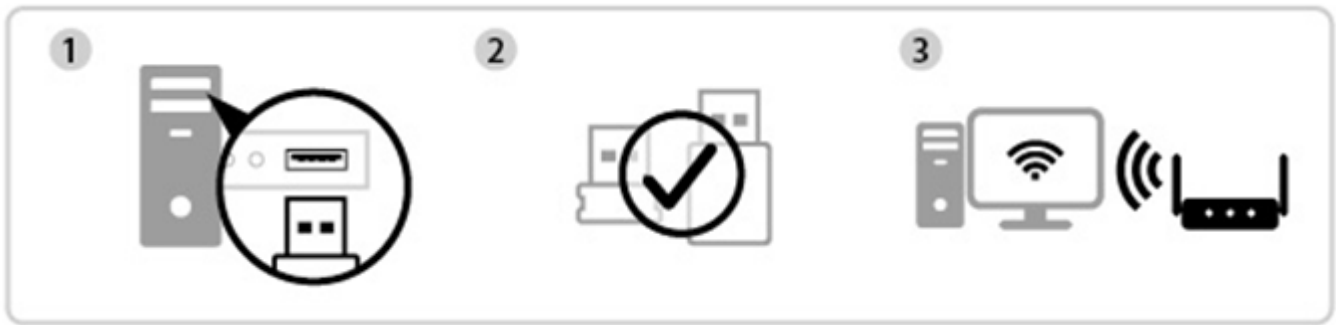
2. Select your Wi-Fi network (SSID), connect and enter the password if it is required.



IV. Downlad & Install the Driver



IV-1. Download & Install the Driver



Insert

Install the Driver

Connect

IV-1-1. Insert

Insert EW-7822UBE into your computer



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

IV-1-2. Download the Driver and Install

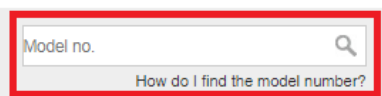
1. Download latest drivers from Edimax website Please access the link below. Search the model name in the search box and download the up to date drivers.

<https://www.edimax.com/download>

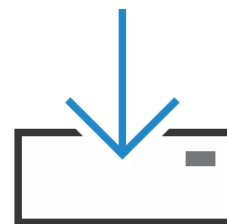
Download

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:

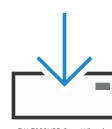
*Feel free to contact us anytime if you need help or if you can't find your product.



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



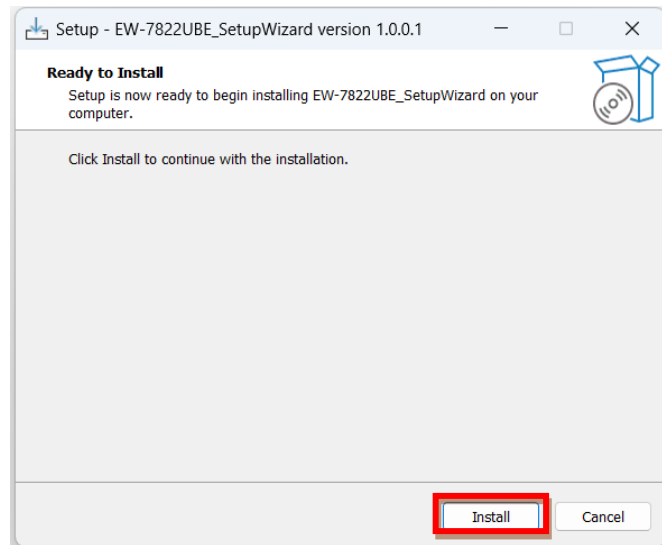
EW-7822UBE_SetupWizard.exe



EW-7822UBE_SetupWizard.exe

3. Click on **EW-7822UBE_SetupWizard**

Click on **Install** button and Follow the system prompts to complete the driver installation.



IV-1-3. Connect to Wi-Fi Network

1. Click the  icon on the windows taskbar to connect to the Wi-Fi network. The Wi-Fi 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.



V. *Frequently Asked Question (FAQ)*

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

- A. Your computer doesn't support Plug-and-Play for this device. Please go to **Section III** to install the built-in driver and try again.

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

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

VI. *More Information*

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

<https://www.edimax.com/download>

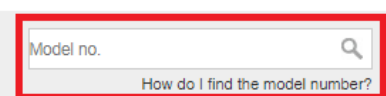


Please search the model name to enter the referred page.

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.



VII. 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

VIII. 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 1.27W/kg.

FCC regulations restrict the operation of this device to indoor use only.

The operation of this device is prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.

Operation of transmitters in the 5.925-7.125 GHz band is prohibited for control of or communications with unmanned aircraft systems.

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.

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:

Frequency range (MHz)	Max. Transmit Power (dBm)
2412 - 2472	19.30
5150 - 5250	21.55
5250 - 5350	21.51
5470 – 5725	22.41
5945 - 6425	18.39

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 cerințele esențiale și 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 requisitos essenciais 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	UK(EN)	TR
IS	LI	NO	CH	RU	UA



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.

Declaration of Conformity

We, Edimax Technology Co., Ltd., declare under our sole responsibility, that the equipment described below complies with the requirements of the European Radio Equipment directives.

Equipment: 2T2R 802.11be Wi-Fi 7 BE6500 USB Dongle

Model No.: EW-7822UBE

The following European standards for essential requirements have been followed:

Directives 2014/53/EU

Spectrum : EN 300 328 V2.2.2
EN 303 687 V1.1.1
EN 301 893 V2.1.1
EMC : ETSI EN 301 489-1 V2.2.3
ETSI EN 301 489-17 V3.3.1
EN 55032:2015+A11:2020+A1:2020
EN 55035:2017+A11:2020
EMF : EN 50566:2017/A1:2023
EN 62479:2010
EN 50663:2017
IEC/IEEE 62209-1528:2020
Safety (LVD) : EN IEC 62368-1:2020+A11:2020

Edimax Technology Europe B.V.

Fijenhof 2,

5652 AE Eindhoven,

The Netherlands

Date & Place of Issue: 31/Mar./2025, Eindhoven

Signature:



Printed Name: David Huang

Title: Director

a company of:

Edimax Technology Co., Ltd.

No. 278, Xinhua 1st Rd., Neihu Dist.,

Taipei City, Taiwan

Date & Place of Issue: 31/Mar./2025, Taipei

Signature:



Printed Name: Hunter Chen

Title: Director



Declaration of Conformity

We, Edimax Technology Co., Ltd., declare under our sole responsibility, that the equipment described below complies with the requirements of the United Kingdom Radio Equipment directives.

Equipment: 2T2R 802.11be Wi-Fi 7 BE6500 USB Dongle

Model No.: EW-7822UBE

The following European standards for essential requirements have been followed:

Radio Equipment Regulations 2017 (S.I. 2017/1206)

Spectrum : EN 300 328 V2.2.2
EN 303 687 V1.1.1
EN 301 893 V2.1.1

EMC : ETSI EN 301 489-1 V2.2.3
ETSI EN 301 489-17 V3.3.1
EN 55032:2015+A11:2020+A1:2020
EN 55035:2017+A11:2020

EMF : EN 50566:2017/A1:2023
EN 62479:2010
EN 50663:2017
IEC/IEEE 62209-1528:2020

Safety (LVD) : EN IEC 62368-1:2020+A11:2020

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