

**EU-4306**

# Quick Installation Guide

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# ***I. Package Contents***

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***USB 3.0 Gigabit Ethernet Adapter***



***QIG***



***CD-ROM***

# ***II. System Requirements***

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- Intel Premium III 1GHz (above or similar)
- 256MB RAM/CD-ROM / 100MB Hard Disk Space (at least) / 100MB Hard Disk Space (at least) / USB Port
- Windows 7/8.1/10, Mac OS 10.6 – 10.15, Linux kernel 2.6.24-5.3

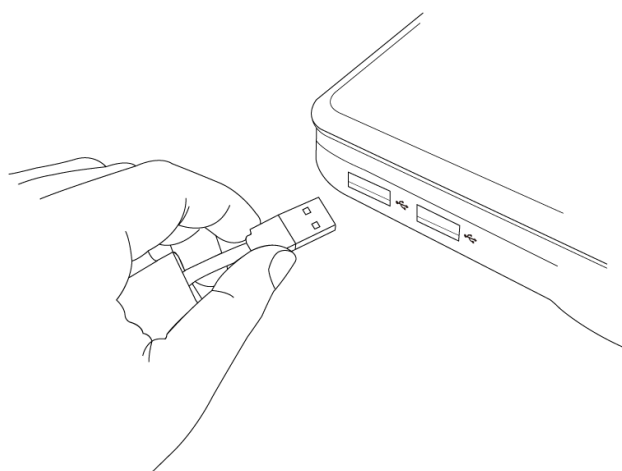
# ***III. Installation***

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- 1.** Switch on your computer and insert the Ethernet adapter into an available USB port of your computer.



***A USB 3.0 port is recommended for best performance.***



***If a Hardware Wizard/Driver Installation Window opens please click "Cancel" or "Close".***

**2. Windows** users please insert the CD-ROM into the drive of your computer.



**The CD-ROM is for Windows users only. Mac users do not insert the CD-ROM into your computer!**

**3. Mac** users please download the drivers for your version of Mac OS X from the Edimax website ([www.edimax.com](http://www.edimax.com)). Search the Edimax website for the model “EU-4306”.



and go to “Download” → “Driver”.



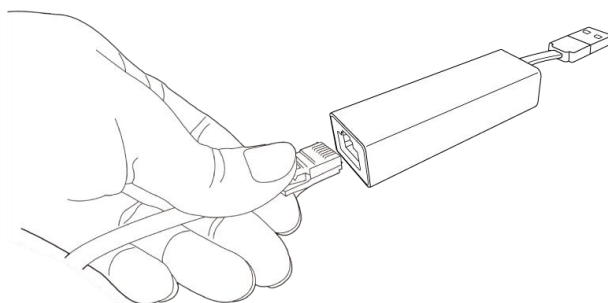
**4.** Follow the instructions in the appropriate following chapter for your operating system to install the necessary drivers.

**IV. Linux**

**V. Mac**

**VI. Windows**

**5.** After the drivers are installed, carefully insert your Ethernet cable into the Gigabit Ethernet adapter.



## IV. Linux

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### IV-1. Requirements

In order to build the driver, Linux kernel sources must be installed on the build machine. The running kernel version must match the installed kernel sources; kernel sources can be obtained from [www.kernel.org](http://www.kernel.org) or your Linux distributor.



**Ensure that the kernel is built with Host-side, EHCI, OHCI or UHCI support.**

### IV-2. File Description

File	Description
ax88179_178a.c	AX88179_178A Main Linux driver
axix.h	AX88179_178A Linux driver header
Makefile	AX88179_178A driver make

### IV-3. Conditional Completion Flags

#### IV-3-1. Getting Started

1. Extract the compressed driver source file to your template directory by the following command:

```
[root@localhost template]# tar -xvf DRIVER_SOURCE_PACKAGE.tar.bz2
```

2. The driver source files should be extracted to the current directory. Execute the following command to compile the driver:

```
[root@localhost template]# make
```

3. If the compilation is successful, *ax88179\_178a.ko* will be created under the current directory.
4. If you wish to use modprobe to mount the driver, execute the following command to install the driver:

```
[root@localhost template]# make install
```

### IV-3-2. Usage

1. To load the driver manually, go to the driver directory and execute the following commands:

```
[root@localhost template]# modprobe usbnet
```

```
[root@localhost template]# insmod ax88179_178a.ko
```

2. To unload the driver, execute the following command:

```
[root@localhost anywhere]# rmmod axax88179_178a
```

### IV-3-3. Driver Parameters

The following parameters can be set when using insmod:

```
Msg_enable=0xNNNNNNNN
```

Specifies the msg\_enable of usbnet.

Example:

```
Insmod ax88179_178.ko msg_enable=0x00000000  
bszie=xx
```

Specifies the Rx Bulk In Queue size (KB)

If bszie value is between 1 and 5, the bszie value is fixed at 5KB.


If bszie value is over 24, the bszie value is fixed at 24KB.

If bszie value equals zero, the Bulk In Queue function is disabled.

# V. Mac OS

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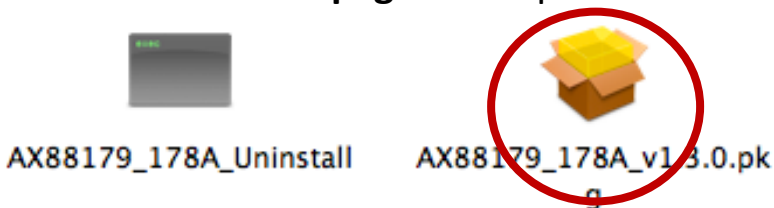
## V-1. Driver Installation

 **Drivers downloaded from the Edimax website may be in .zip file format. Please unzip/extract the file before continuing.**

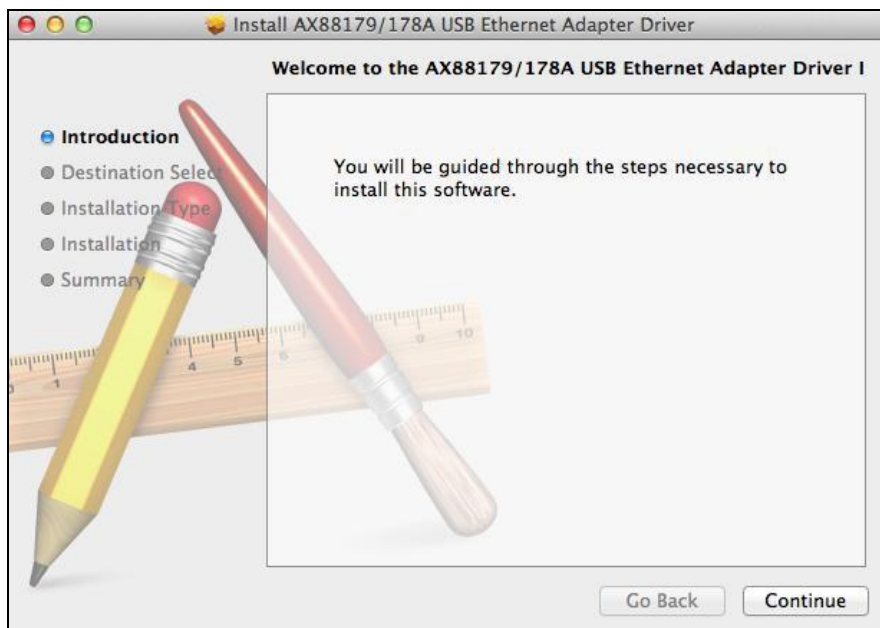
1. Double click the **.dmg** file included in the downloaded file, and then navigate to the disk image mounted to your Mac.



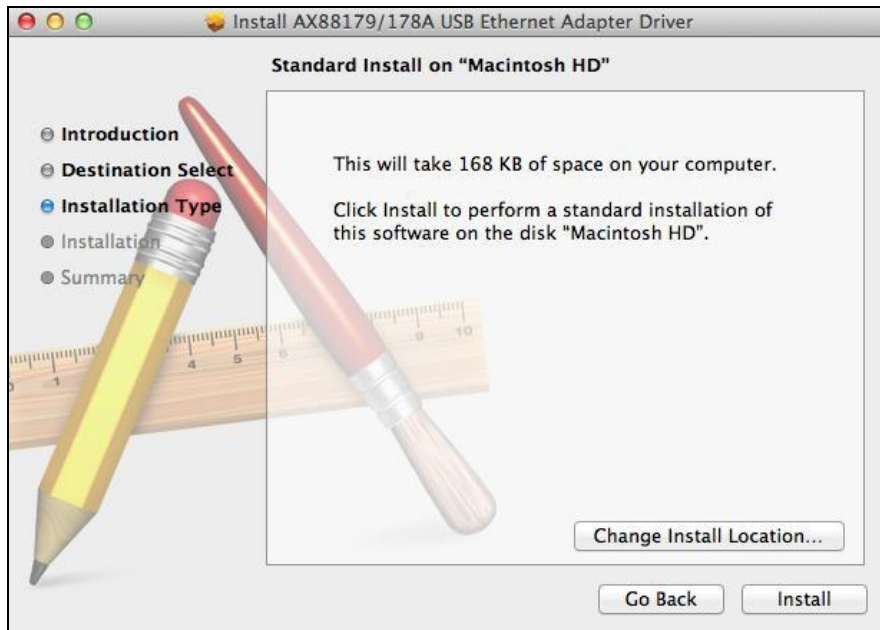
2. Double click the **.pkg** file to open the driver installation wizard.



3. Click “Continue” to proceed to the next step.



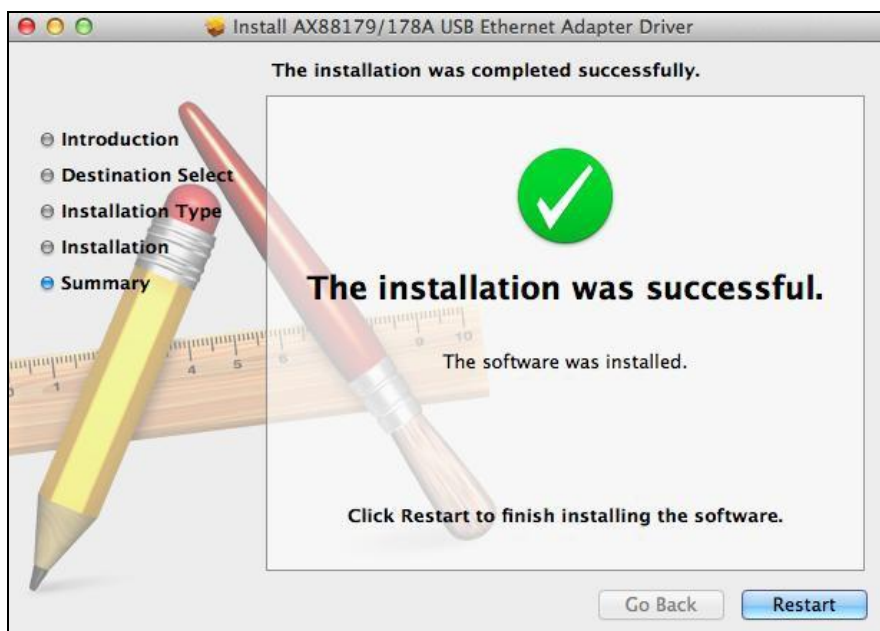
4. Click “Install” to continue the installation operation. You may be prompted for your username and password.



5. You will be prompted that your computer must restart after the installation is complete. Click “Continue Installation” to proceed.



6. When the installation is complete, as shown below, click “Restart” to restart your system.



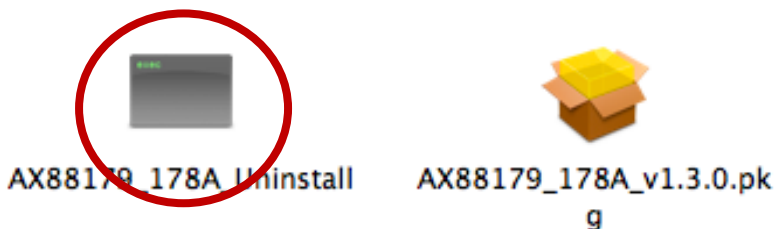


## V-2. Driver Uninstallation

1. Double click the **.dmg** file included in the download file, and then navigate to the disk image mounted to your Mac.



2. Double click the “Uninstall” file.



3. You may need to enter your system/administrative password and press Enter to complete the uninstallation.

```
Matt — AX88772_772A_772B_760_uninstall — 80x24
Last login: Wed Dec 11 13:50:27 on console
Jasonteki-MacBook:~ Matt$ /Volumes/DISK\ IMAGE/AX88772_772A_772B_760_uninstall ;
exit;
Password:
logout

[Process completed]
```

### V-3. Troubleshooting – OS X 10.8 Installation Issue

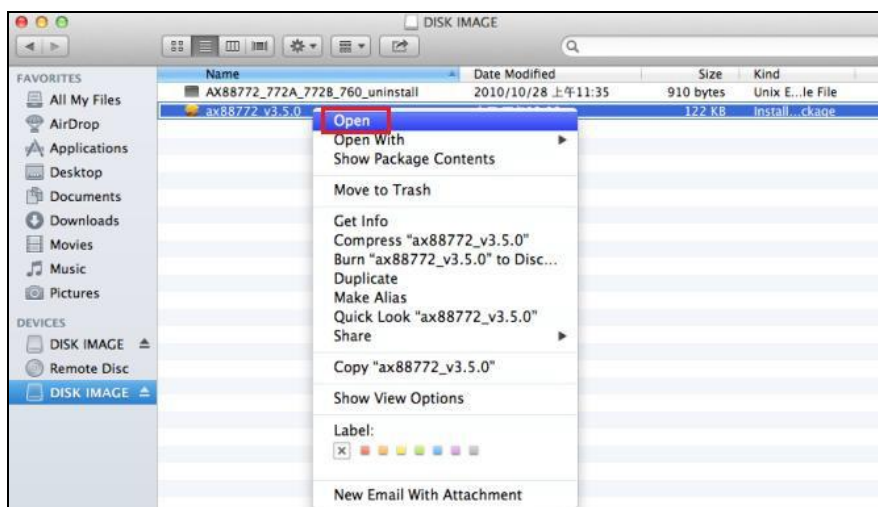
For Mac OS X 10.8 users, new security features in the OS X 10.8 system may initially prevent you from installing the drivers. By default, the OS X 10.8 system prevents users from installing or launching applications which are not downloaded from the Mac App Store, or which have not been digitally signed by the developers.

Depending on your driver version, your drivers may not yet have been digitally signed. If this is the case, you will see the error message below when you open the installer:



To override this function, and continue with driver installation, please follow the instructions below:

1. Control-click (hold down the control button on your keyboard and then click) the .pkg file and select “Open” from the menu, as shown below:



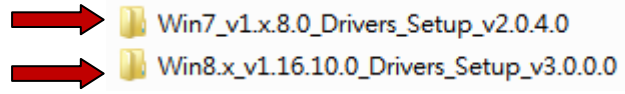
2. You will be prompted that the installer is from an unidentified developer and asked to confirm if you wish to open it. Please click “Open” to continue.



3. The installer will open and function normally as described in V-1. **Driver Installation.**

# VI. Windows

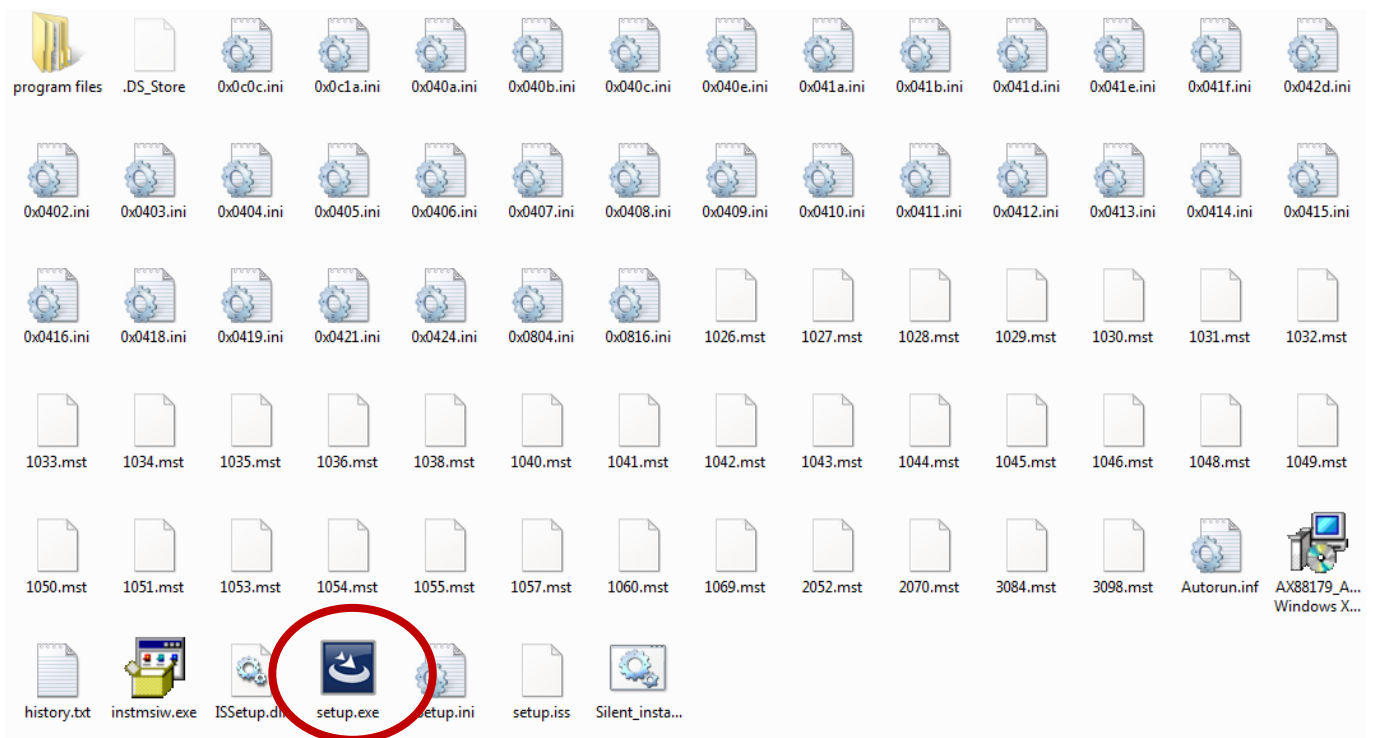
1. Open the correct folder for your version of Windows.



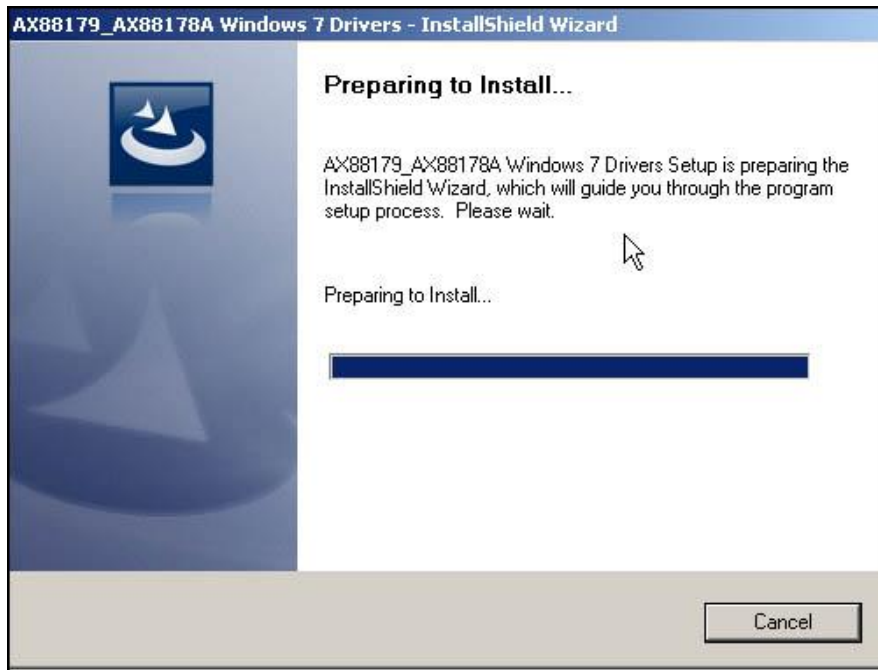
2. On the following screen, open the folder named "Win7\_v1.x.8.0\_..."



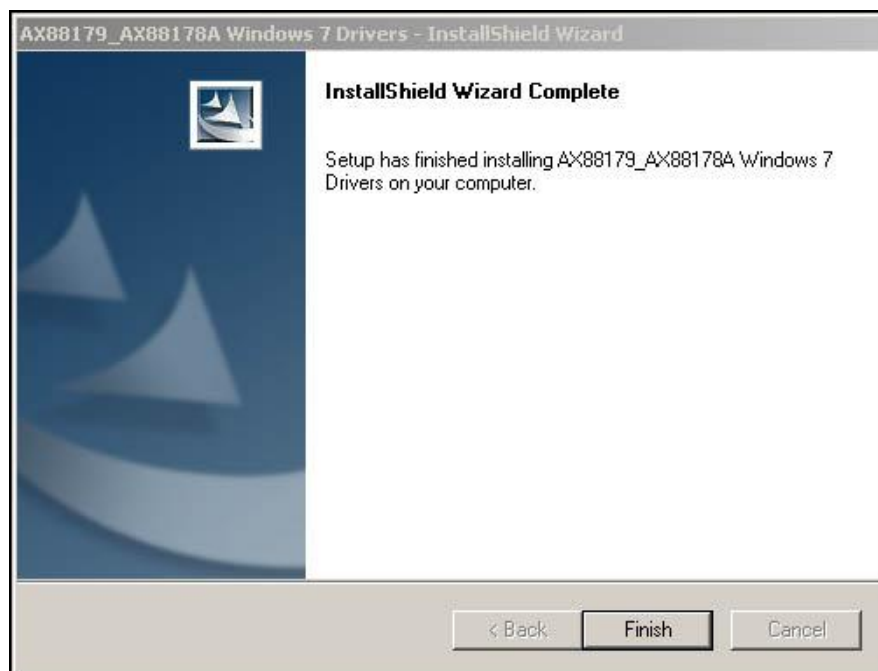
3. Locate and double click the "Setup.exe" icon to start the driver installation wizard.



4. Please wait while the setup wizard prepares to install the drivers.



5. When the installation is complete, click "Finish".



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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](http://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 Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

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.

### Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### R&TTE Compliance Statement

This equipment complies with all the requirements of DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of March 9, 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity (R&TTE). The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

### 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, 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 2004/108/EC.
- Français:** Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 2004/108/EC.
- Čeština:** Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnice 2004/108/EC.
- Polski:** Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 2004/108/EC.
- Română:** Acest echipament este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2004/108/EC.
- Русский:** Это оборудование соответствует основным требованиям и положениям Директивы 2004/108/EC.
- Magyar:** Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek 2004/108/EC.
- Türkçe:** Bu cihaz 2004/108/EC. direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur.
- Українська:** Обладнання відповідає вимогам і умовам директиви 2004/108/EC.
- Slovenčina:** Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smernice 2004/108/EC..
- Deutsch:** Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 2004/108/EC.
- Español:** El presente equipo cumple los requisitos esenciales de la Directiva 2004/108/EC.
- Italiano:** Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 2004/108/EC.
- Nederlands:** Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 2004/108/EC.
- Português:** Este equipamento cumpre os requisitos essenciais da Directiva 2004/108/EC.
- Norsk:** Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 2004/108/EC.
- Svenska:** Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 2004/108/EC.
- Dansk:** Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 2004/108/EC.
- suomen kieli:** Tämä laite täyttää direktiivien 2004/108/EC. oleelliset vaatimukset ja muut asiaankuuluvat määräykset.

FOR USE IN 



## 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.

## Multi-Language Quick Installation Guide (QIG) on the CD

**Čeština:** Českého průvodce rychlou instalací naleznete na přiloženém CD s ovladači

**Deutsch:** Finden Sie bitte das deutsche S.A.L. beiliegend in der Treiber CD

**Español:** Incluido en el CD el G.R.I. en Español.

**Français:** Veuillez trouver l'français G.I.R ci-joint dans le CD

**Italiano:** Incluso nel CD il Q.I.G. in Italiano.

**Magyar:** A magyar telepítési útmutató megtalálható a mellékelt CD-n

**Nederlands:** De nederlandse Q.I.G. treft u aan op de bijgesloten CD

**Polski:** Skrócona instrukcja instalacji w języku polskim znajduje się na załączonej płycie CD

**Português:** Incluído no CD o G.I.R. em Portugues

**Русский:** Найдите Q.I.G. на русском языке на приложенном CD

**Türkçe:** Ürün ile beraber gelen CD içinde Türkçe Hızlı Kurulum Kılavuzu'nu bulabilirsiniz

**Українська:** Для швидкого налаштування Вашого пристрою, будь ласка, ознайомтесь з інструкцією на CD



## 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 R&TTE directives.

**Equipment: USB 3.0 Gigabit Ethernet Adapter**  
**Model No.: EU-4306**

The following European standards for essential requirements have been followed:

### Directives 2004/108/EC

EMC : EN 55022:2010  
EN 55024:2010  
EN 61000-3-2:2006+A1:2009+A2:2009  
EN 61000-3-3:2008

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Date of Signature: Dec., 2020

Signature:

A handwritten signature in black ink, appearing to read 'Albert Chang', written over a horizontal line.

Printed Name:

Albert Chang

Title:

Director

Edimax Technology Co., Ltd.



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