

User's Guide

**TRENDNET<sup>®</sup>**



**USB 3.0 to Gigabit Ethernet Adapter**

**TU3-ETG**

## Table of Contents

<b>Table of Contents</b> .....	<b>2</b>
<b>Product Overview</b> .....	<b>3</b>
Features.....	3
Easy Setup.....	3
Operating Systems .....	3
LED Indicators .....	3
USB Powered.....	3
USB Compatibility .....	3
Gigabit Ethernet.....	3
USB 3.0 .....	3
Energy Efficient.....	3
Package Contents.....	3
Interface .....	4
Application Diagram.....	4
<b>Windows Installation</b> .....	<b>5</b>
Windows 8.....	5
Windows 7.....	7
Windows Vista / XP .....	9
<b>5. Windows will prompt when TU3-ETG is ready to use</b> .....	<b>9</b>
<b>MAC Installation</b> .....	<b>10</b>
MAC 10.6 - 10.10 Installation .....	10
MAC 10.6 - 10.10 Uninstallation.....	13
<b>Linux Installation</b> .....	<b>14</b>
Installation.....	14
<b>Regulations</b> .....	<b>15</b>
Federal Communication Commission Interference Statement .....	15
RoHS.....	15
Europe – EU Declaration of Conformity .....	16
EMC.....	16
Directives .....	16
<b>Limited Warranty</b> .....	<b>17</b>

## Product Overview



**TU3-ETG**

### **Features**

TRENDnet's compact USB 3.0 to Gigabit Ethernet Adapter, model TU3-ETG, quickly adds a Gigabit Ethernet port to a Windows or Mac computer. A SuperSpeed USB 3.0 port supports Full Duplex 2 Gbps transfer speeds. The TU3-ETG is compatible with older USB 2.0 and 1.1 ports.

### ***Easy Setup***

Quick intuitive setup

### ***Operating Systems***

Compatible with Windows, Mac, and Linux operating systems

### ***LED Indicators***

LED indicators confirm connectivity and transfer speeds

### ***USB Powered***

No bulky power brick—compact adapter powered by USB port

### ***USB Compatibility***

Compatible with older USB 2.0 and 1.1 ports

### ***Gigabit Ethernet***

Full Duplex 2 Gbps Ethernet speeds

### ***USB 3.0***

USB 3.0 port maintains Full Duplex 2 Gbps Ethernet speeds

### ***Energy Efficient***

Up to 70% energy saving GREENnet technology

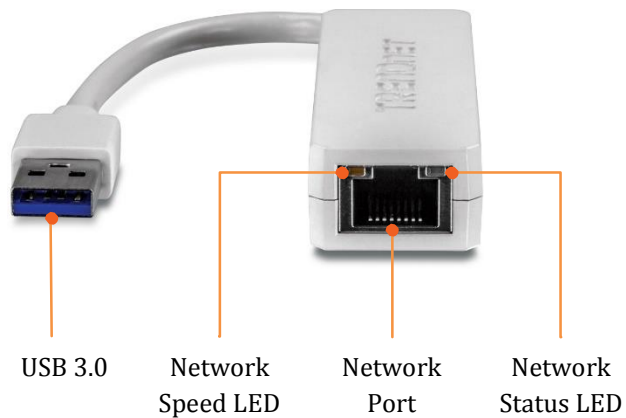
### **Package Contents**

TU3-ETG package includes:

- TU3-ETG USB 3.0 to Gigabit Ethernet Adapter
- Multi-Language Quick Installation Guide
- CD-ROM (Driver and User's Guide)

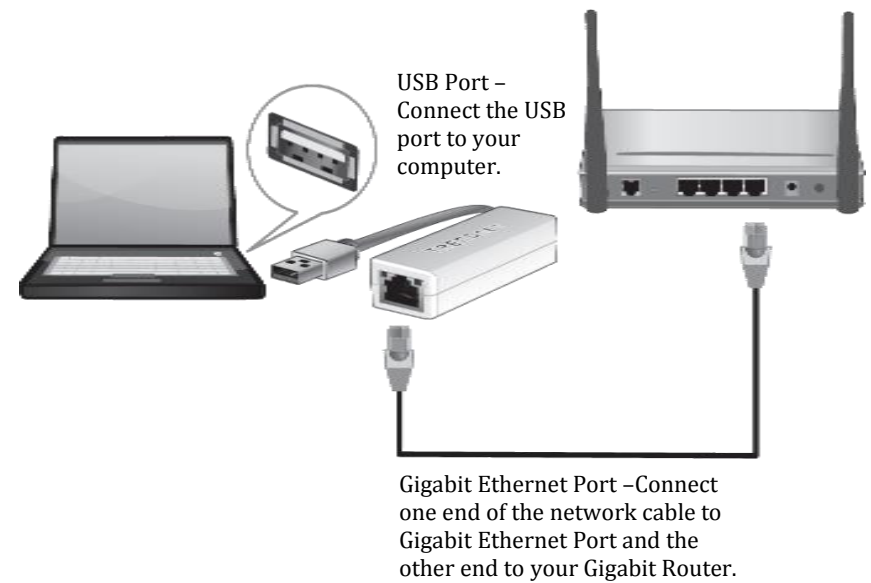
*If any package content is missing or damaged, please contact the retail store, online retailer, or reseller/distributor from which the product was purchased.*

## Interface



<b>USB 3.0</b>	Connecting to USB3.0 port of a computer
<b>Network Port</b>	Connect to Gigabit network with full 8 wires gigabit Ethernet cable.
<b>Network Speed LED (Amber)</b>	<b>On:</b> Gigabit network connection established <b>Off:</b> No gigabit network connection (10/100 Mbps network is the default)
<b>Network Status LED (Green)</b>	<b>Blinking:</b> Network traffic detected. <b>Off:</b> No network connection

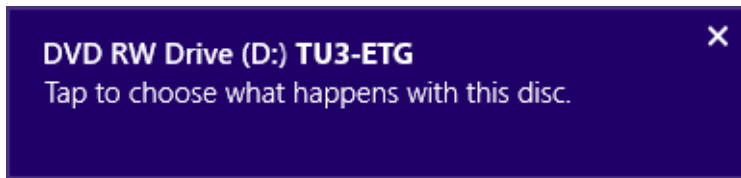
## Application Diagram



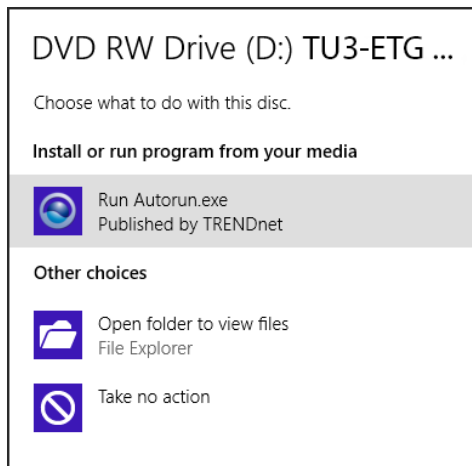
## Windows Installation

### Windows 8

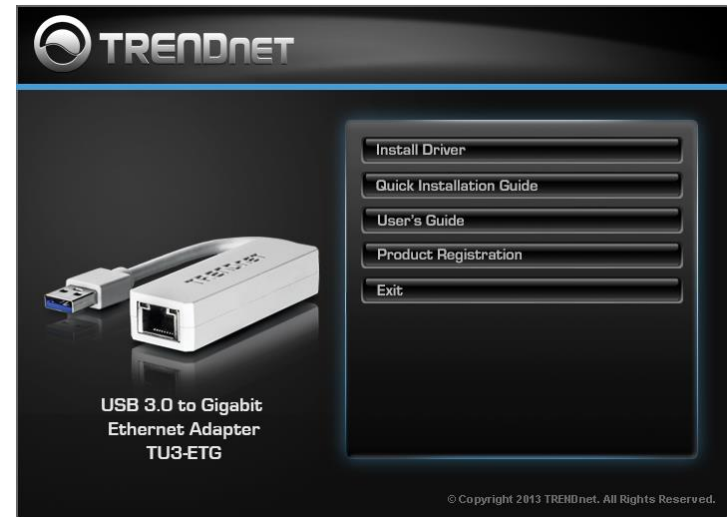
1. Insert the Driver CD-ROM into your CD-ROM Drive. The prompt will show up on top right corner, tap it to start the autorun.



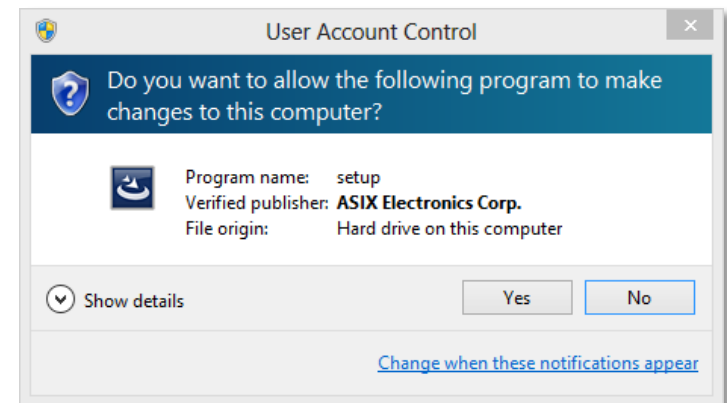
2. Click **Run Autorun.exe**



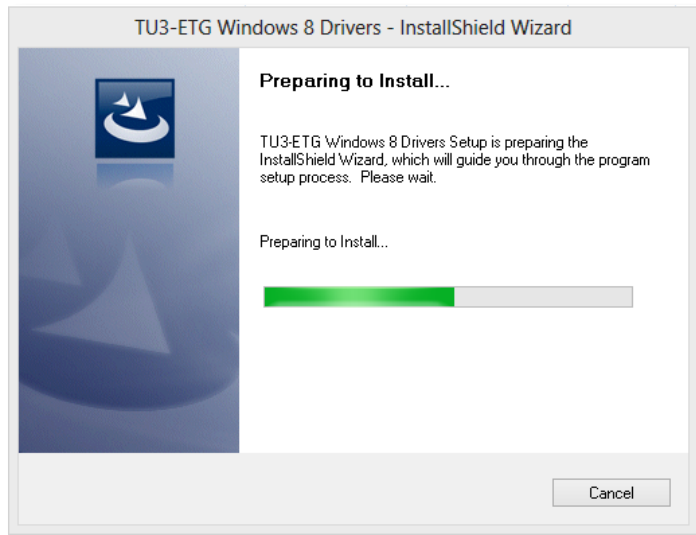
3. Click Install Driver



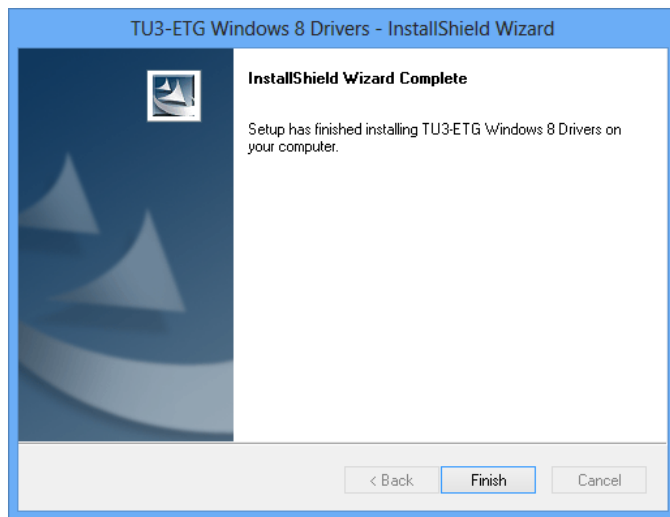
4. Click **Yes** to setup driver.



5. Wait while driver is installing.

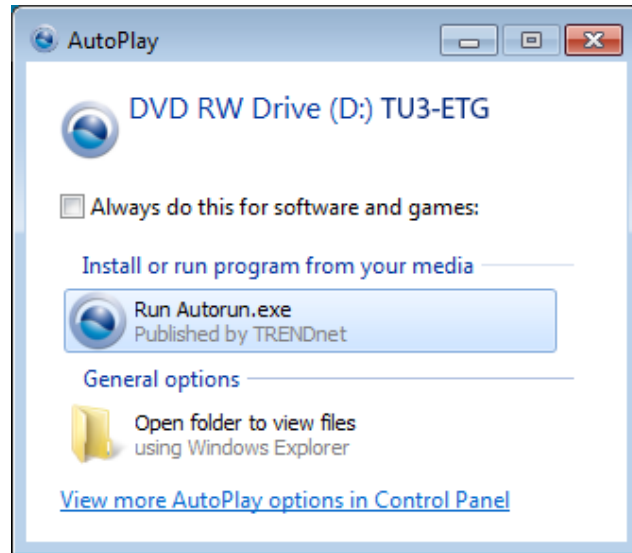


6. The driver is installed. Click **Finish** quick the setup.



## Windows 7

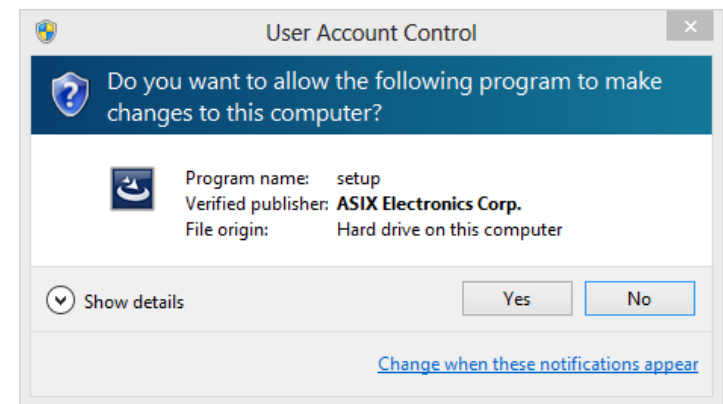
1. Insert the Driver CD-ROM into your CD-ROM Drive.



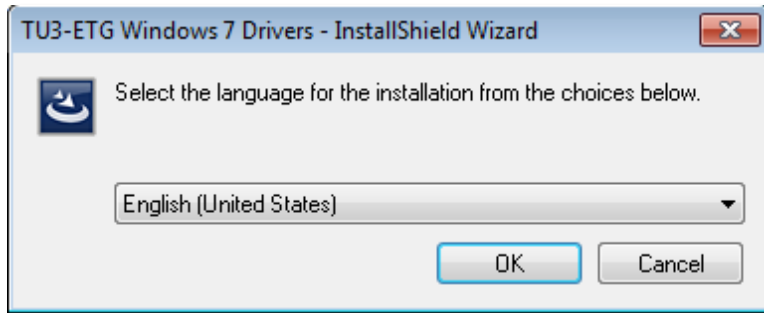
2. Click Install Driver



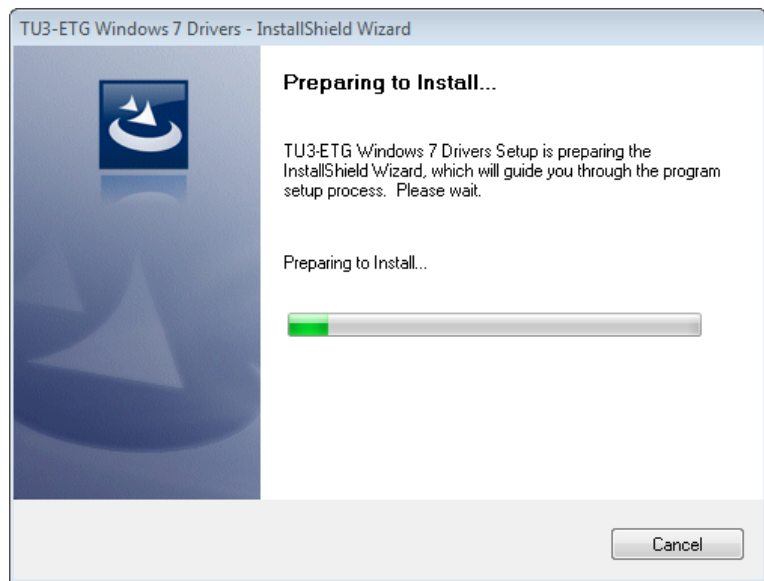
3. Click Yes to setup driver



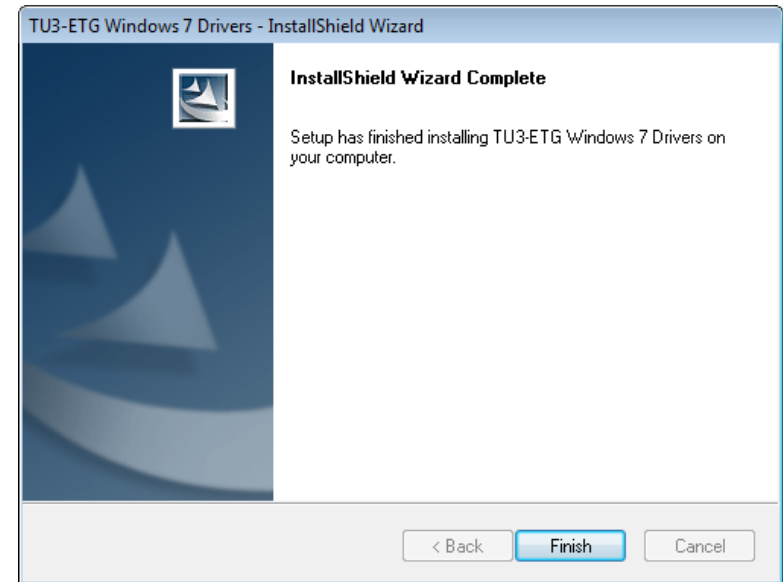
4. Select the language you preferred



5. Wait while driver is installing



6. The driver is installed. Click **Finish** to end the driver installation.



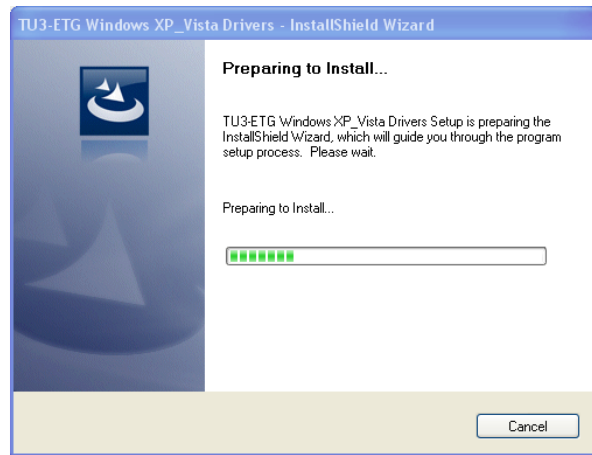


## Windows Vista / XP

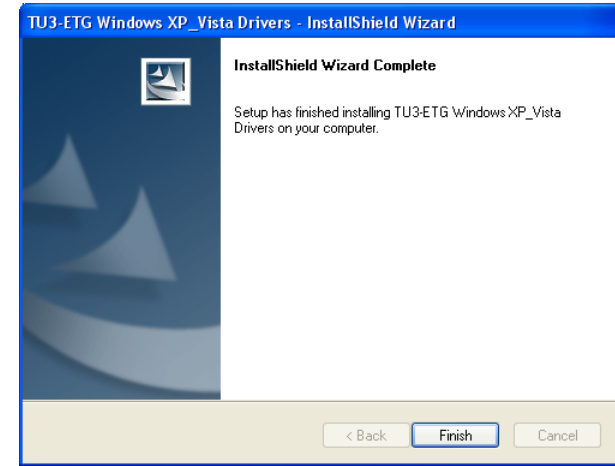
1. Insert the Driver CD-ROM into your CD-ROM Drive.
2. Click Install Driver



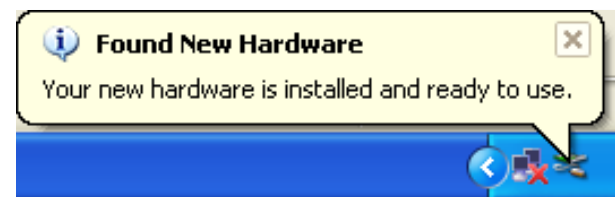
3. Wait while driver is installing



4. The driver is installed. Click **Finish** to end the driver installation.



5. Windows will prompt when TU3-ETG is ready to use



## MAC Installation

### MAC 10.6 - 10.10 Installation

1. Insert the Driver CD-ROM into your CD-ROM Drive. Double-click the CD and navigate to the directory of **\Driver\OSX** . Double-click on TU3-ETG.dmg



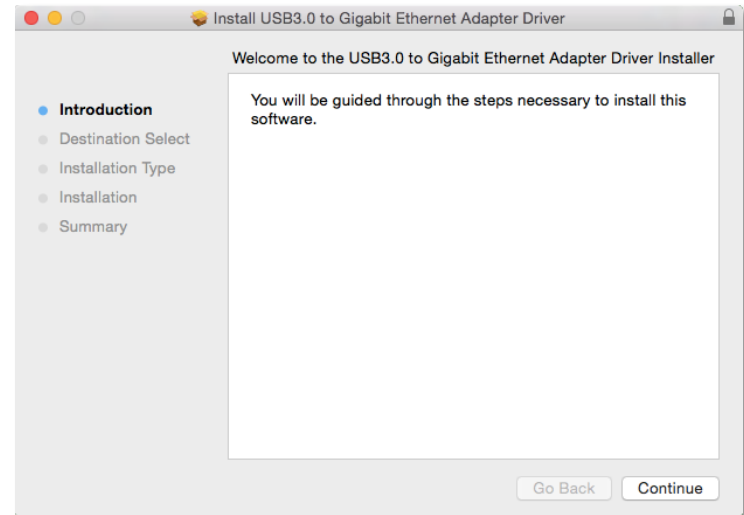
2. The installation virtual drive will showed up on desktop. Double- click and open the drive.



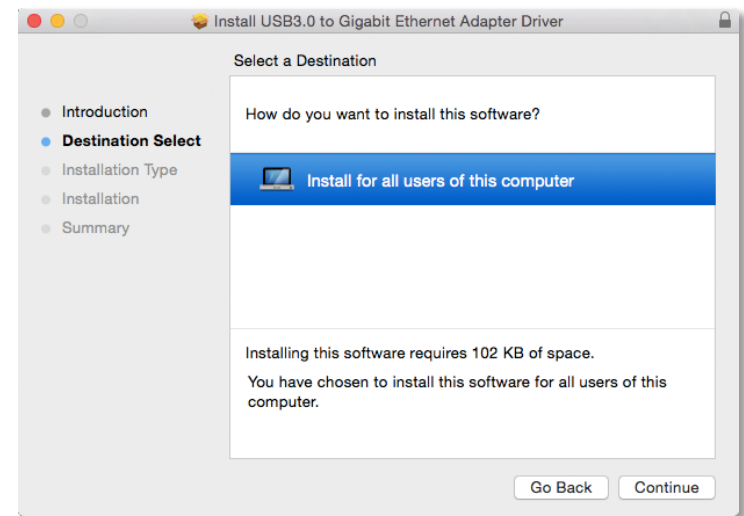
3. Double-click TU3-ETG\_v2.2.0.pkg to launch the installer



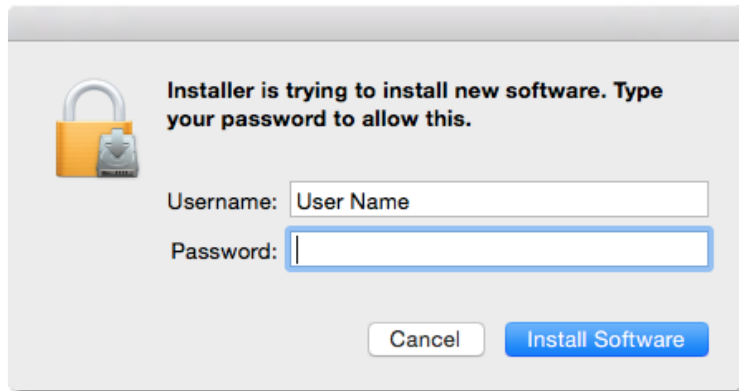
4. Click **Continue** to install the driver.



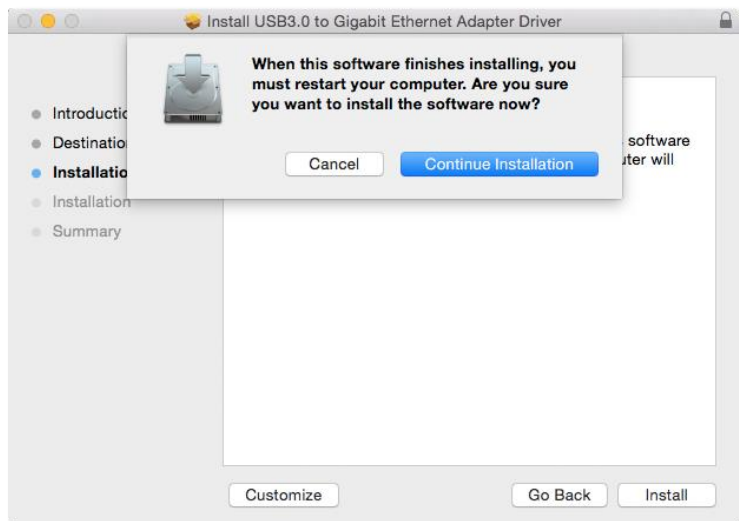
5. Select the destination and then click on **Continue**.



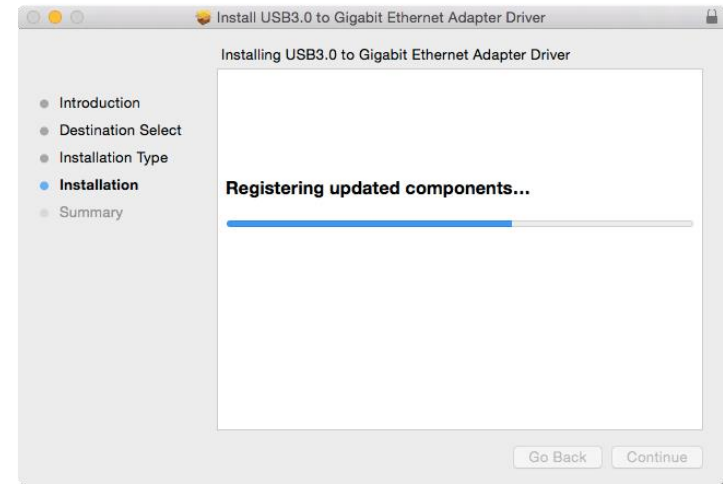
6. Authorize driver installation by entering your user name and password, then click **Install Software**



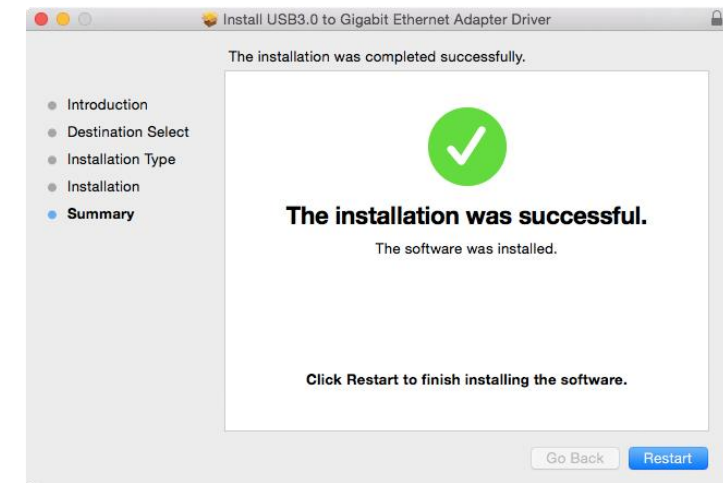
7. Confirm the system restart message. Click **Continue Installation**



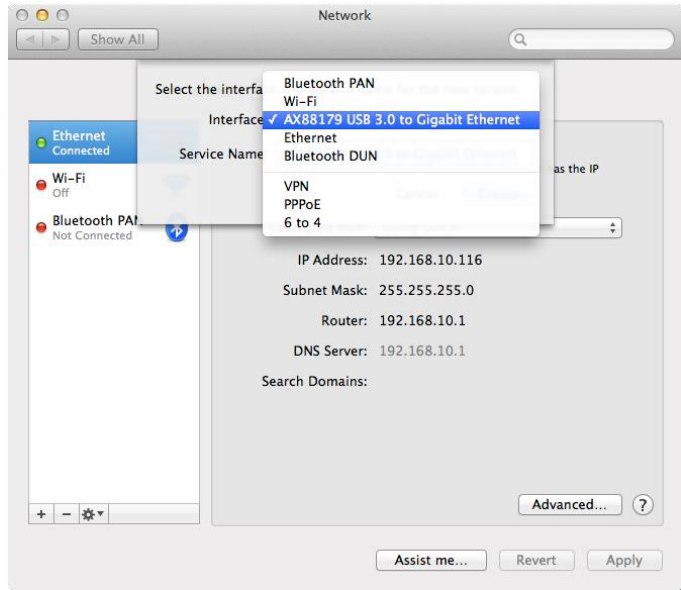
8. Waiting while driver is installing



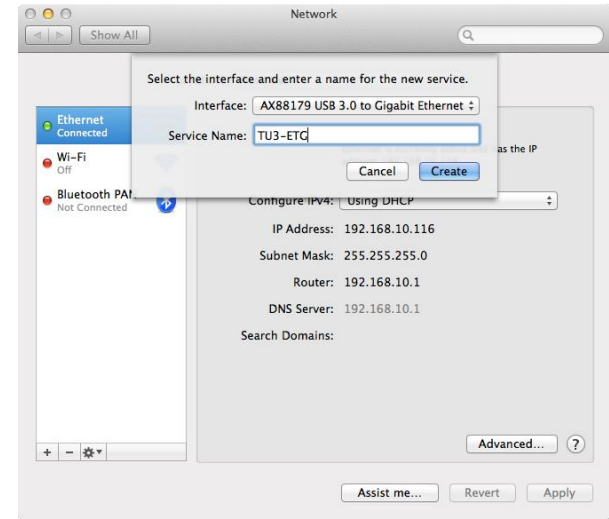
9. Driver is successfully installed. Click **Restart** to restart your system.



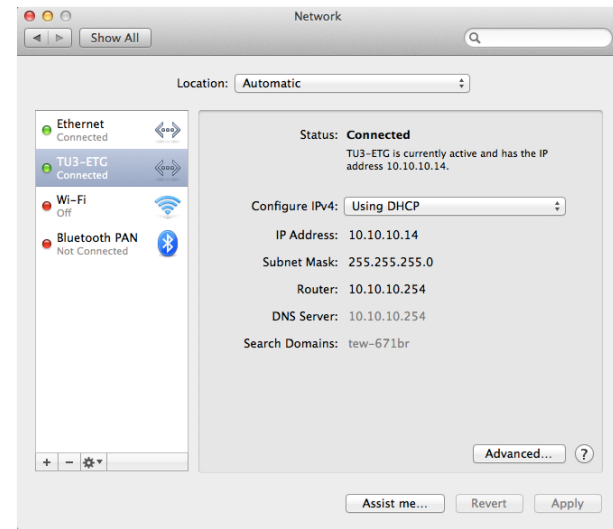
10. Connect TU3-ETG to your MAC's USB port. Checking the installation by clicking **Apple logo > System Preferences > Network**. Click **+** to add a new network card.



11. Choose **“AX88179 USB3.0 to Gigabit Ethernet”** Interface and enter the Service Name for easy identification.



12. Click **Apply** to apply the change. You'll see TU3-ETG network card is installed correctly.

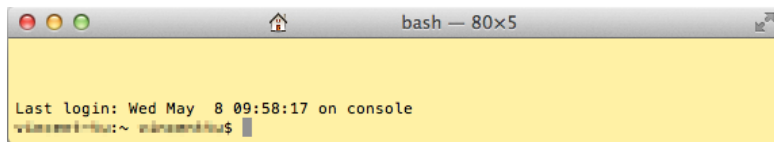


## **MAC 10.6 - 10.10 Uninstallation**

The driver CD comes with an uninstall utility. Insert the Driver CD- ROM into your CD-ROM Drive. Double-click the CD and navigate to the directory of **\Driver\OSX** . You will find TU3-ETG\_Uninstall\_V140. Double click if you want to uninstall TU3-ETG driver.



The uninstaller will bring Terminal app out and remove the driver. Enter your password and then close this window when the job is done.



## Linux Installation

### Installation

TU3-ETG driver for Linux comes with source code. You have to build and install the driver on your particular Linux environment. To build the driver, open your terminal and find Linux driver source file in CD-ROM under **\Driver\Linux** directory

Files for make and install:

ax88179_178a.c	AX88179_178A Linux driver main file
axix.h	AX88179_178A Linux driver header file
Makefile	AX88179_178A driver make file

Execute the following command to compile the driver:

```
user@host# sudo make
```

ax88179\_178a.ko kernel driver will be created in same directory.  
Execute following command to install the driver into your Linux:

```
user@host# sudo make install
```

```
username@hostname: ~/Desktop/Driver$ sudo make
[sudo] password for username:
make -C /lib/modules/3.5.0-23-generic/build SUBDIRS=/home/vincent/Desktop/Driver
modules
make[1]: Entering directory `/usr/src/linux-headers-3.5.0-23-generic'
Building modules, stage 2.
MODPOST 1 modules
make[1]: Leaving directory `/usr/src/linux-headers-3.5.0-23-generic'
username@hostname: ~/Desktop/Driver$ sudo make install
su -c "cp -v ax88179_178a.ko /lib/modules/3.5.0-23-generic/kernel/drivers/net/usb/
b && /sbin/depmod -a"
`ax88179_178a.ko' -> `/lib/modules/3.5.0-23-generic/kernel/drivers/net/usb/ax881
79_178a.ko'
```

*\*To see more options, please see README file in same folder*

## Regulations

### 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 the 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 of the following measures:

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

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

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.



#### IMPORTANT NOTE:

##### FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The availability of some specific channels and/or operational frequency bands are country dependent and are firmware programmed at the factory to match the intended destination. The firmware setting is not accessible by the end user.

### RoHS

This product is RoHS compliant.







## Limited Warranty

TRENDnet warrants its products against defects in material and workmanship, under normal use and service, for the following lengths of time from the date of purchase.

- TU3-ETG – 2 Years Warranty

If a product does not operate as warranted during the applicable warranty period, TRENDnet shall reserve the right, at its expense, to repair or replace the defective product or part and deliver an equivalent product or part to the customer. The repair/replacement unit's warranty continues from the original date of purchase. All products that are replaced become the property of TRENDnet. Replacement products may be new or reconditioned. TRENDnet does not issue refunds or credit. Please contact the point-of purchase for their return policies.

TRENDnet shall not be responsible for any software, firmware, information, or memory data of customer contained in, stored on, or integrated with any products returned to TRENDnet pursuant to any warranty.

There are no user serviceable parts inside the product. Do not remove or attempt to service the product by any unauthorized service center. This warranty is voided if (i) the product has been modified or repaired by any unauthorized service center, (ii) the product was subject to accident, abuse, or improper use (iii) the product was subject to conditions more severe than those specified in the manual.

Warranty service may be obtained by contacting TRENDnet within the applicable warranty period and providing a copy of the dated proof of the purchase. Upon proper submission of required documentation a Return Material Authorization (RMA) number will be issued. An RMA number is required in order to initiate warranty service support for all TRENDnet products. Products that are sent to TRENDnet for RMA service must have the RMA number marked on the outside of return packages and sent to TRENDnet prepaid, insured and packaged appropriately for safe shipment. Customers shipping from outside of the USA and Canada are responsible for return shipping fees. Customers shipping from outside of the USA are responsible for custom charges, including but not limited to, duty, tax, and other fees.

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December 23, 2014

TU3-ETG User's Guide V1.4



## Product Warranty Registration

Please take a moment to register your product online.  
Go to TRENDnet's website at <http://www.trendnet.com/register>

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