

# **USB 3.0 to GigaLAN Adapter**

## **User's Manual**

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# 1. Introduction

This Device is a high performance, compact design and simply plug-and-play USB 3.0 to GigaLAN Adapter , with backward compatibility with USB 2.0/1.1 and LAN speed 10/100/1000Mbps auto-negotiation capability. Easily plug into an available USB Port on a desktop, Notebook and Ultrabook.

## Features

- Compliant with USB 3.0 / 2.0 / 1.1 Specifications
- Support all USB 3.0 power saving modes
- USB Bus Powered
- Support Suspend and Remove Wakeup Function
- Compliant with IEEE 802.3 / 802.3u / 802.3ab
- Support 802.3az EEE (Energy Efficient Ethernet)
- Support 10/100/1000Mbps with auto-negotiation
- Support IEEE 802.3x flow control at full duplex mode and back pressure at half duplex mode
- Support IEEE 802.1Q VLAN tagging
- Support Jumbo frame up to 4KB
- Support IPv4/IPv6 pack Checksum Offload Engine (COE) to reduce CPU loading
- Support MDI/MDIX auto-crossover detection and auto-correction
- LEDs Indicate speed and link status

## Package Contents

Before installation, please check the items of the package.

USB 3.0 to GigaLAN Adapter	x1
CD (Driver and User's Manual)	x1
USB 3.0 A Male to A Female Cable	x1
Quick Installation Guide	x1

## System

Windows XP/Vista/7

Mac 10.6/10.7 or above

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## LED Indicators

LED	Color	Status	Description
USB Link	GREEN	Blinking	Link to USB Port
GigaLAN	YELLOW	Blinking	Transmitting Data

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## 2. Installation

The descriptions of driver installation shown here is an example. The actual strings and screen shows may vary slightly on each operating system

Note : **DO NOT** connect the Adapter to your Desktop / Notebook /Ultrabook before completing the installation of driver.

### Installation In Windows Operating System

1. Insert the provided CD into your CD-ROM  
Locate and double-click <Setup.exe> file in the Driver folder to launch the set up procedure.
2. Wait for the program to install the drivers
3. Click <Finish> to complete the installation.

### Installation In Mac Operating System

1. Insert the provided CD into your CD-ROM  
Locate and double-click <AX88179\_Macintosh\_XXXXX > file in the Driver folder to launch the set up procedure.
2. Click the Continue to install and it will restart your computer automatically.

## Verifying the Driver

To verify the driver of the GigaLAN adapter follow the steps below to open the **Device Manager** on Windows

1. Following the path as below to open the device manager

Windows 7 : **Control Panel\System and Security\System\Device Manager**

Windows XP : **Control Panel\System\Hardware\Device Manager**

2. In the Network Adapter group, an item named **ASIX.....Ethernet Adapter** should be listed.

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To verify the driver of the GigaLAN adapter, follow the steps below to open the **Device Manager** on Mac

1. Please connect the USB to the LAN Device to Mac
- 2 Click the System Preferences->Network->USB Gigabit Ethernet device active on line

Note : If there is a question ( ? ) or exclamation ( ! ) mark next to that item, then the driver is not properly installed. Please delete the item, unplug the GigaLAN adapter and repeat the installation procedures.

## Connecting to a Network

Connect the GigaLAN adapter to an available network when the installation procedure is completed

1. Connect an Ethernet cable to the Ethernet port of the Adapter, and then connect the other end of the Ethernet cable to an available network hub, switch or router.
2. Connect the USB Connector of the GigaLAN adapter to a free USB port of desktop / Notebook / Ultrabook. Then a pop-up message will appear in the notification  
Area indicating the installation is completed.

**Note:** The Link LED should light up in yellow to indicate a proper physical connection between the adapter and the network. If the Link LED doesn't light up, please verify the cable connection between all the network devices.

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## 3. Specifications

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I/O Ports	Giga Ethernet Connector X 1 USB 3.0 A Male Plug Connector X 1
LED Indicators	USB Link, Giga Mode
Operating System Support	Windows XP/Vista/ 7, Mac 10.6 to 10.7
Operating Temperature	0°C to 55°C
Storage Temperature	-10°C to 80°C
Certification	FCC, CE

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\* Specification is subject to change without further notice.

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## 4. Certifications

### FCC conditions

This equipment has been tested and found to comply with Part 15 Class B of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received. Including interference that may cause undesired operation.

### CE conditions

This equipment is in compliance with the requirements of the following regulations EN 55 022: CLASS B

## WEEE Information

For EU (European Union) member users:

According to the WEEE Directive, do not dispose of this product as household waste or commercial waste. Waste electrical and electronic equipment should be appropriately collected and recycled as required by practices established for your country. For information on recycling of this product, please contact your local authorities, your household waste disposal service or the shop where you purchased the product.



