

## USB 3.0 to Gigabit Ethernet Adapter with USB Port - Black/White

USB31000SPTB

USB31000SPTW



\*actual product may vary from photos

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## FCC Compliance 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 or more 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.

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# Product Overview

## Front View



## Side View



# Introduction

The USB31000SPTB USB 3.0 to Gigabit Ethernet Adapter lets you add a Gigabit network port to your laptop or Ultrabook™ computer through a USB 3.0 port, and features an integrated USB 3.0 pass-through port that keeps your USB port available for use with other peripherals. Each RJ45 port supports 10/100/1000 Mbps Ethernet and is fully compatible with IEEE 802.3i/u/ab standards.

An ideal replacement LAN adapter or laptop accessory, this compact USB 3.0 NIC leverages the 5 Gbps speed of USB 3.0 to provide full gigabit bandwidth and also offers backward compatibility with USB 2.0 systems (speed limited by USB bus).

The adapter supports features such as IPv4/IPv6 packet Checksum Offload Engine (COE) and TCP large send offload to reduce the load on your CPU. Jumbo Frames, full-duplex operation with 802.3x flow control and VLAN tagging are also supported, making this an efficient and full-featured USB network adapter.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Packaging Contents

- 1 x USB 3.0 Network Adapter
- 1 x Driver CD
- 1 x Instruction Manual

## System Requirements

- Available USB port
- Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), Windows® Server 2008 R2, 2003(32/64), Mac OS 10.6 - 10.8, Linux kernel 2.6.25 ~ 3.5.0

# Installation

## Hardware Installation

1. Connect the USB 3.0 Network Adapter to an available USB port.  
**NOTE:** If connected to a USB 2.0 host port, the pass-through port will only operate at USB 2.0 speeds and network performance may be limited.
2. The host computer's operating system should detect the hub immediately and automatically install the USB drivers.
3. Once installation is complete, USB 1.x/2.0/3.0 devices should be able to be connected to the hub and recognized.

## Driver Installation

**NOTE:** The drivers for the USB Hub will be automatically installed by the host computer's operating system. Only the driver for the Ethernet port needs to be installed.

### Windows / Mac

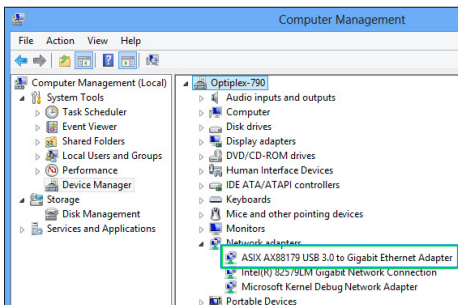
1. Insert the provided CD into your DVD/CD-ROM drive.
2. Open the contents of the CD/DVD drive that the CD is in and browse to the appropriate folder for your operating system.
3. Run the "Setup.exe" (Windows) application to launch the driver installation program (mount "AX88179\_178A.dmg" and run "AX88179\_178A.dmg" for Mac OS), and follow the on-screen instructions to complete the install

**NOTE:** You may be prompted to restart at the end of the install

# Verifying Installation

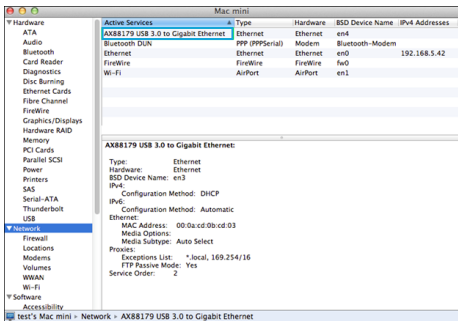
## Windows

1. Open the Device Manager by right-clicking on Computer, and then select Manage. In the new Computer Management window, select Device Manager from the left window panel (For Windows 8, open the Control Panel and select Device Manager).
2. Expand the "Network adapters" section. On a successful install, you should see the following devices installed with no exclamation points or question marks.



## Mac OS

1. Open the System Profiler by clicking the Apple symbol in the top left corner, selecting About this Mac, then select System Report
2. Expand the "Network" section. With the adapter connected, you should see the following devices in the list.



# Specifications

<b>Host Interface</b>	USB 3.0
<b>Chipset</b>	ASIX - AX88179 VIA - VL811
<b>Connectors</b>	1 x RJ-45 Female 1 x USB 3.0 type A Male 1 x USB 3.0 type A Female
<b>Maximum Data Transfer Rate</b>	USB 3.0: 5 Gbps LAN: 2 Gbps (per port; Full-Duplex)
<b>Supported Standards</b>	IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az
<b>Supported Network Link Speeds</b>	10/ 100/ 1000 Mbps
<b>Ethernet Full Duplex Support</b>	Yes
<b>Auto MDIX</b>	Yes
<b>Power</b>	USB-Powered
<b>Enclosure Material</b>	Plastic
<b>Operating Temperature</b>	0°C to 50°C (32°F to 122°F)
<b>Storage temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Dimensions</b>	82 x 35 x 17 mm
<b>Humidity</b>	5~85% RH
<b>Weight</b>	50g
<b>Compatible Operating Systems</b>	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64), Windows® Server 2008 R2, 2003(32/64), Mac OS 10.x (Tested up to 10.8), Linux kernel 2.6.25 ~ 3.5.0



# Technical Support

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For the latest drivers/software, please visit [www.startech.com/downloads](http://www.startech.com/downloads)

## Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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