

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

USB31000SPTB

USB31000SPTW



\*actual product may vary from photos

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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 to an outlet on a different circuit than the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device. If shielded interface cables are included with the product, or if additional components or accessories are designated for use with the installation, they must be used to ensure compliance with FCC regulations.

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# Table of Contents

<b>Product Diagram .....</b>	<b>1</b>
Front View .....	1
Side View .....	1
<b>Introduction .....</b>	<b>2</b>
Packaging Contents .....	2
System Requirements.....	2
<b>Installation .....</b>	<b>3</b>
Hardware Installation .....	3
Driver Installation.....	3
Verifying Installation .....	4
<b>Specifications.....</b>	<b>5</b>
<b>Technical Support .....</b>	<b>6</b>
<b>Warranty Information.....</b>	<b>6</b>

# Product Overview

## Front View



RJ45

## Side View



USB 3.0

# 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® XP, Vista, 7, 8, 8.1, 10, 11; Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022; macOS 10.6 to 10.15, 11.3 to 14.0 (*VLAN tagging is currently not supported in macOS*); Ubuntu 20.04 Kernel 5.15 and up - *LTS Versions only*

# 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

1. Download the latest drivers from <https://www.startech.com/USB31000SPTB> or <https://www.startech.com/USB31000SPTW>.
2. Right-click the zip folder that was downloaded and select Extract All, then follow the on-screen instructions.
3. In the list of extracted files, right-click the Setup(.exe) file and select Run as Administrator  
**Note:** If the Run as Administrator option is not available, it's likely that the installation file is attempting to be ran from within the zipped file. Please extract the files using the instructions in Step 5.
4. Follow the on-screen prompts to complete the software installation.

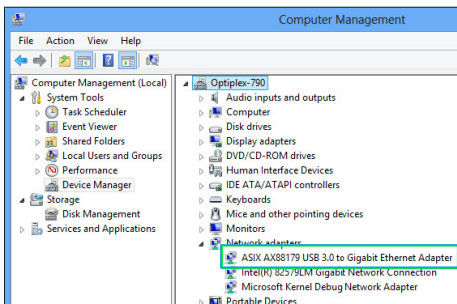
### macOS

1. Download the latest drivers from <https://www.startech.com/USB31000SPTB> or <https://www.startech.com/USB31000SPTW>.
2. Double-click the zip folder that downloaded, macOS will unzip the folder using Archive Utility.
3. In the list of extracted folders, select the folder that corresponds to your version of macOS
4. Double-click the installation package (.dmg file)
5. Follow the on-screen instructions to complete the software installation.

# Verifying Installation

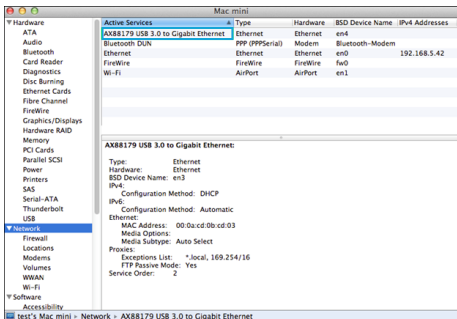
## Windows

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>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



# 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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