

USB 3.0 to Gigabit Ethernet Network Adapter, 10/100/1000 Mbps, USB to RJ45, USB 3.0 to LAN Adapter, USB 3.0 Ethernet Adapter (GbE), TAA Compliant

**Product ID:** USB31000SW



The USB31000SW USB 3.0 to Gigabit Ethernet Adapter adds a single RJ45 Ethernet port to a USB-enabled computer system, with support for Gigabit network connections at full bandwidth when used with a USB 3.0 host connection, unlike USB 2.0 adapters.

This compact USB 3.0 network adapter is backward compatible with older USB 2.0/1.x computer systems (speed limited by USB bus), making it the ideal portable replacement network adapter or laptop accessory. Plus, with support for features such as Jumbo Frames, VLAN tagging and Wake on LAN (WOL), the adapter offers versatile Gigabit network performance for home and business users alike.

The USB31000SW USB 3.0 Gigabit adapter is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility



## Applications

- Add Gigabit Ethernet capabilities to a desktop or laptop
- Replace a failed integrated network adapter with an external, USB Gigabit Ethernet connection, instead of having to open a desktop or laptop computer case

## Features

- **USB NETWORK ADAPTER:** USB to RJ45 adapter adds an Ethernet port to your computer supporting up to Gigabit speeds on 10/100/1000 Mbps Networks; Ideal for reliable wired gigabit network connections, or as an alternative to WiFi
- **FULL FEATURED:** USB to Ethernet dongle; Uses ASIX AX88179A Chipset for native compatibility with laptops and desktops, and 2-in-1's computers; USB Bus Powered; Status & Activity LED's indicators
- **OS COMPATIBILITY:** USB NIC adapter for laptop; Works with Windows versions 7 and up, Windows Server, macOS 10.14 and up, Linux distributions with kernel 4.11 and up (LTS only), and ChromeOS, TAA Compliant
- **TECHNICAL SPECS:** USB 3.2 Gen 1 Type-A (5 Gbps); Compatible with USB 3.0/2.0; 1x RJ45; 4K Jumbo Frames; VLAN Tagging; Wake on LAN; Energy Efficient Ethernet (EEE); Supports twisted pair crossover & auto detection (Auto-MDIX); Color: White
- **CONNECTIVITY TOOLS:** Provided with this device, the application improves performance and security, featuring MAC Address Changer & Wi-Fi Auto Switch utilities

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### Hardware

|                    |   |
|--------------------|---|
| Warranty           | 2 Years   |
| Ports              | 1   |
| Interface          | RJ45 (Gigabit Ethernet)   |
| Bus Type           | USB 3.2 Gen 1 (5Gbps)   |
| Industry Standards | IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az, IEEE 802.1q VLAN tagging |
| Chipset ID         | ASIX - AX88179A   |

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### Performance

|                     |                    |
|---------------------|--------------------|
| Wake On Lan         | Yes                |
| Max Distance        | 100m [328]         |
| Type and Rate       | USB 3.0 - 5 Gbit/s |
| Compatible Networks | 10/100/1000 Mbps   |

|                     |         |
|---------------------|---------|
| Auto MDIX           | Yes     |
| Full Duplex Support | Yes     |
| Jumbo Frame Support | 4K max. |

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#### Connector(s)

|                   |   |
|-------------------|---|
| Connector Type(s) | 1 - RJ-45<br>1 - USB Type-A (9 pin, 5 Gbps) |
|-------------------|---|

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#### Software

|                  |   |
|------------------|---|
| OS Compatibility | Windows XP, Vista, 7, 8, 8.1, 10, 10 ARM, 11, 11 ARM<br>Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022<br>macOS 10.6 to 10.15, 11.3 to 14.0 <i>VLAN tagging is currently not supported in macOS</i><br>Linux Kernel 2.6.25 and up - <i>LTS Versions only</i> |
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#### Special Notes / Requirements

|                               |   |
|-------------------------------|---|
| System and Cable Requirements | Available USB port                            |
| Note                          | Jumbo Frames are no longer supported in macOS |

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#### Indicators

|                |   |
|----------------|---|
| LED Indicators | 1 - Link (Green)<br>1 - Activity (Yellow) |
|----------------|---|

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#### Power

|                |       |
|----------------|-------|
| Input Voltage  | 5V DC |
| Output Voltage | 5 DC  |

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#### Environmental

|                       |                           |
|-----------------------|---------------------------|
| Operating Temperature | 0C to 40C (32F to 104F)   |
| Storage Temperature   | -20C to 60C (-4F to 140F) |
| Humidity              | < 80% RH                  |

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#### Physical Characteristics

|       |       |
|-------|-------|
| Color | White |
|-------|-------|

|                   |                  |
|-------------------|------------------|
| Form Factor       | Attached Cable   |
| Material          | Plastic          |
| Product Length    | 8.5 in [21.5 cm] |
| Product Width     | 1.0 in [2.6 cm]  |
| Product Height    | 0.6 in [1.6 cm]  |
| Weight of Product | 1.1 oz [30.0 g]  |

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**Packaging Information**

|                           |                  |
|---------------------------|------------------|
| Package Quantity          | 1                |
| Package Length            | 8.7 in [22.0 cm] |
| Package Width             | 5.1 in [13.0 cm] |
| Package Height            | 0.6 in [1.6 cm]  |
| Shipping (Package) Weight | 1.4 oz [40.0 g]  |

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**What's in the Box**

|                     |                             |
|---------------------|-----------------------------|
| Included in Package | 1 - USB 3.0 Gigabit Adapter |
|                     | 1 - Instruction Manual      |

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***\*Product appearance and specifications are subject to change without notice.***