Data Sheet

# USB 3.0 to Gigabit Ethernet NIC Network Adapter - White

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

RoHS Compliant Available

## 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

- Full Gigabit bandwidth support over USB 3.0
- IEEE 802.3, 802.3u and 802.3ab (10BASE-T, 100BASE-TX, and 1000BASE-T) compatible
- USB-Powered
- Crossover Detection & Auto-Correction (Auto MDIX)
- IEEE 802.1Q VLAN Tagging support
- Jumbo Frame support
- Supports Checksum Offload (IPv4, IPv6, TCP, UDP) and Large Send Offload
- Activity and Link LED indicators
- Compact, lightweight design

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| | Warranty | 2 Years |
| **Hardware** | Bus Type | USB 3.0 |
| | Chipset ID | ASIX - AX88179 |
| | Industry Standards | IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az, IEEE 802.1q VLAN tagging |
| | Interface | RJ45 (Gigabit Ethernet) |
| | Ports | 1 |
| **Performance** | Auto MDIX | Yes |
| | Compatible Networks | 10/100/1000 Mbps |
| | Full Duplex Support | Yes |
| | Jumbo Frame Support | 4K max. |
| | Max Distance | 100 m / 330 ft |
| | Type and Rate | USB 3.0 - 5 Gbit/s |
| **Connector(s)** | Connector Type(s) | 1 - RJ-45 Female<br>1 - USB Type-A (9 pin) USB 3.0 Male |
| **Software** | OS Compatibility | Windows® XP, Vista, 7, 8, 8.1, 10<br>Windows® Server 2003, 2008 R2, 2012, 2012 R2, 2016<br>Mac OS® 10.6 to 10.14 *VLAN tagging is currently not supported in Mac OS*<br>Linux Kernel 2.6.25 to 4.11.x *LTS Versions only* |
| **Special Notes / Requirements** | System and Cable Requirements | Available USB port |
| **Indicators** | LED Indicators | 1 - Activity (Yellow)<br>1 - Link (Green) |
| **Environmental** | Humidity | < 80% RH |
| | Operating Temperature | 0°C to 40°C (32°F to 104°F) |
| | Storage Temperature | -20°C to 60°C (-4°F to 140°F) |
| **Physical Characteristics** | Color | White |
| | Enclosure Type | Plastic |
| | Form Factor | Attached Cable |
| | Product Height | 0.6 in [15.5 mm] |
| | Product Length | 8.3 in [210 mm] |
| | Product Weight | 1 oz [27 g] |

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|---|---|---|
| | Product Width | 1 in [26 mm] |
| **Packaging Information** | Package Quantity | 1 |
| | Shipping (Package) Weight | 4.2 oz [119 g] |
| **What's in the Box** | Included in Package | 1 - USB 3.0 Gigabit Adapter<br>1 - Driver CD<br>1 - Instruction Manual |

Product appearance and specifications are subject to change without notice.