

# 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



### 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

<b>Hardware</b>	Warranty	2 Years
	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
<b>Performance</b>	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
<b>Connector(s)</b>	Connector Type(s)	1 - RJ-45 Female 1 - USB Type-A (9 pin) USB 3.0 Male
	OS Compatibility	Windows® XP, Vista, 7, 8, 8.1, 10 Windows® Server 2003, 2008 R2, 2012, 2012 R2, 2016 Mac OS® 10.6 to 10.14 <i>VLAN tagging is currently not supported in Mac OS</i> Linux Kernel 2.6.25 to 4.11.x <i>LTS Versions only</i>
<b>Special Notes / Requirements</b>	System and Cable Requirements	Available USB port
<b>Indicators</b>	LED Indicators	1 - Activity (Yellow) 1 - Link (Green)
	Humidity	< 80% RH
<b>Environmental</b>	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-20°C to 60°C (-4°F to 140°F)
	Color	White
<b>Physical Characteristics</b>	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]

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

Product appearance and specifications are subject to change without notice.