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

Hardware

	Warranty	2 Years
	Ports	1
	Interface	RJ45 (Gigabit Ethernet)
	Bus Type	USB 3.0
	Industry Standards	IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az, IEEE 802.1q VLAN tagging
	Chipset ID	ASIX - AX88179A

Performance

	Max Distance	100 m / 330 ft
	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.	

Connector(s)

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

Software

OS Compatibility	Windows XP, Vista, 7, 8, 8.1, 10, 11	
	Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019	
	macOS 10.6 to 10.15, 11.3 and up <i>VLAN tagging is currently not supported in macOS</i>	
	Linux Kernel 2.6.25 to 4.11.x <i>LTS Versions only</i>	

Special Notes / Requirements

System and Cable Requirements	Available USB port	

Indicators

LED Indicators	1 - Link (Green)	
	1 - Activity (Yellow)	

Environmental

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

Physical Characteristics

Color	White	
Form Factor	Attached Cable	
Material	Plastic	
Product Length	8.3 in [21 cm]	
Product Width	1.0 in [26 mm]	
Product Height	0.6 in [1.6 cm]	

Weight of Product	1.0 oz [27 g]	

Packaging Information

Package Quantity	1	
Package Length	5.2 in [13.3 cm]	
Package Width	6.4 in [16.2 cm]	
Package Height	1.8 in [45 mm]	
Shipping (Package) Weight	4.2 oz [119 g]	

What's in the Box

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

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