USB 3.0 to Gigabit Ethernet Adapter NIC w/ USB Port - White

Product ID: USB31000SPTW

The USB31000SPTW USB 3.0 to Gigabit Ethernet Adapter lets you add a Gigabit network port to your Macbook 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. The 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.

Certifications, Reports and Compatibility

Applications

• Add Gigabit Ethernet capabilities to a desktop or laptop

• Replacement for a failed built-in Gigabit Ethernet port on a laptop

Features

• Gigabit Ethernet port through a USB 3.0 / 2.0 connection

• Integrated USB 3.0 pass-through port

• IEEE 802.3, 802.3u and 802.3ab (10BASE-T, 100BASE-TX, and 1000BASE-T) compatible

• Crossover Detection & Auto-Correction (Auto MDIX)

• IEEE 802.1Q VLAN Tagging support

• Up to 4K Jumbo Frame support

• Supports Checksum Offload (IPv4, IPv6, TCP, UDP) and Large Send Offload

• Compact, lightweight design for maximum portability

Hardware

	Warranty	2 Years
	Ports	1
	Interface	RJ45 (Gigabit Ethernet)
	Bus Type	USB 3.2 Gen 1 (5Gbps)
	USB Pass-Through	Yes
	Industry Standards	IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az
	Chipset ID	ASIX - AX88179A
		VIA/VLI - VL817

Performance

	Maximum Data Transfer Rate	5 Gbps (USB 3.0)
		2 Gbps (Ethernet - Full-Duplex)
	Max Distance	100m [328ft]

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)
	1 - USB Type-A (9 pin, 5 Gbps)

Software

OS Compatibility	Windows XP, Vista, 7, 8, 8.1, 10, 11, 11 ARM
	Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022
	macOS 10.6 to 10.15, 11.3 to 15.0 - VLAN tagging is currently not supported in macOS
	Ubuntu 20.04 Kernel 5.15 and up - LTS Versions only

Special Notes / Requirements

System and Cable Requirements	Available USB Port
Note	Jumbo Frames are no longer supported in macOS

Indicators

LED Indicators	1 - Gigabit Link/Activity (Amber)
	1 - 10/100 Link/Activity (Green)

Power

Power Source	USB-Powered

Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-20C to 60C (-4F to 140F)
Humidity	5~85% RH

Physical Characteristics

	Color	White
	Form Factor	Attached Cable
	Material	Plastic
	Cable Length	6.1 in [155 mm]
	Product Length	5.0 in [12.6 cm]
	Product Width	1.4 in [3.5 cm]
	Product Height	0.7 in [1.7 cm]
	Weight of Product	1.6 oz [44 g]

Packaging Information

	Package Quantity	1
	Package Length	6.7 in [16.9 cm]
	Package Width	5.6 in [14.2 cm]
	Package Height	1.2 in [3.0 cm]
	Shipping (Package) Weight	4.4 oz [126.0 g]

What's in the Box

	Included in Package	1 - USB 3.0 Network Adapter
		1 - Driver CD
		1 - Instruction Manual

Warranty Information

	Warranty	2 Years

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