Data Sheet

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

	Warranty	2 Years
Hardware	Bus Type	USB 3.0
	Chipset ID	ASIX - AX88179 VIA/VLI - VL811
	Industry Standards	IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az
	Interface	RJ45 (Gigabit Ethernet)
	Ports	1
	USB Pass-Through	Yes
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
	Maximum Data Transfer Rate	5 Gbps (USB 3.0) 2 Gbps (Ethernet - Full-Duplex)
	Type and Rate	USB 3.0 - 5 Gbit/s
Connector(s)	Connector Type(s)	1 - RJ-45 Female 1 - USB Type-A (9 pin) USB 3.0 Female 1 - USB Type-A (9 pin) USB 3.0 Male
Software	OS Compatibility	Windows® XP, Vista, 7, 8, 8.1, 10 Windows Server® 2003, 2008 R2, 2012, 2012 R2, 2016, 2019 Mac OS® 10.6 to 10.14 - *VLAN tagging is currently not supported in Mac OS* 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 - 10/100 Link/Activity (Green) 1 - Gigabit Link/Activity (Amber)
Power	Power Source	USB-Powered
Environmental	Humidity	5~85% RH
	Operating Temperature	0°C to 50°C (32°F to 122°F)
	Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Physical Characteristics	Cable Length	155 mm [6.1 in]

	Color	White
	Enclosure Type	Plastic
	Form Factor	Attached Cable
	Product Height	1.7 cm [0.7 in]
	Product Length	12.6 cm [5 in]
	Product Width	35 mm [1.4 in]
	Weight of Product	44 g [1.6 oz]
Packaging Information	Package Height	29 mm [1.1 in]
	Package Length	14.3 cm [5.6 in]
	Package Width	17 cm [6.7 in]
	Shipping (Package) Weight	132 g [4.7 oz]
What's in the Box	Included in Package	1 - USB 3.0 Network Adapter
		1 - Driver CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.