

## USB 3.0 to Gigabit Ethernet Adapter NIC w/ USB Port - Black

Product ID: USB31000SPTB



The USB31000SPTB USB 3.0 to Gigabit Ethernet Adapter lets you add a Gigabit network port to your laptop 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. The network adapter is the ideal laptop accessory for your Microsoft Surface™ Pro 4, Surface Pro 3, Surface 3, Surface Pro 2 or Surface Book.

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

<b>Hardware</b>	Warranty	2 Years
	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
<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
	Maximum Data Transfer Rate	5 Gbps (USB 3.0) 2 Gbps (Ethernet - Full-Duplex)
	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 Female  1 - USB Type-A (9 pin) USB 3.0 Male
<b>Software</b>	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 10.15 - <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> ChromeOS 55+
<b>Special Notes / Requirements</b>	System and Cable Requirements	Available USB Port
<b>Indicators</b>	LED Indicators	1 - 10/100 Link/Activity (Green)  1 - Gigabit Link/Activity (Amber)
<b>Power</b>	Power Source	USB-Powered
<b>Environmental</b>	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)

<b>Physical Characteristics</b>	Cable Length	6.1 in [155 mm]
	Color	Black
	Form Factor	Attached Cable
	Material	Plastic
	Product Height	0.7 in [1.7 cm]
	Product Length	5 in [12.6 cm]
	Product Width	1.4 in [35 mm]
	Weight of Product	1.6 oz [44 g]
<b>Packaging Information</b>	Package Height	1.2 in [30 mm]
	Package Length	5.7 in [14.5 cm]
	Package Width	6.8 in [17.2 cm]
	Shipping (Package) Weight	4.7 oz [132 g]
<b>What's in the Box</b>	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.