

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

**Product ID:** USB31000SPTB



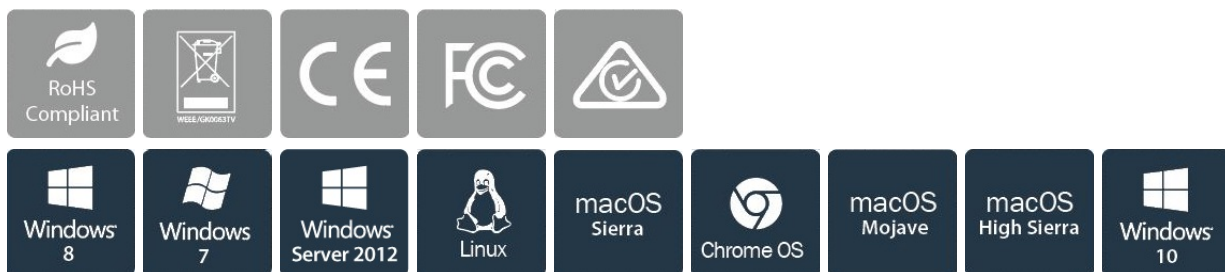
The USB31000SPTB USB 3.0 to Gigabit Ethernet Adapter lets you add a Gigabit network port to your laptop or Ultrabook computer through a USB 3.0 port, and features an integrated USB 3.0 pass-through port that keeps your USB port available for use with other peripherals. The RJ45 port supports 10/100/1000 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.

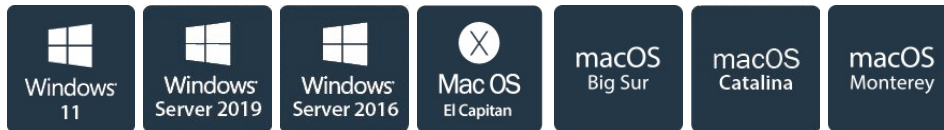
An ideal replacement LAN adapter or laptop accessory, this compact USB 3.0 NIC leverages the 5 Gbps speed of USB 3.0 to provide full gigabit bandwidth and also offers backward compatibility with USB 2.0 systems (speed limited by USB bus).

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

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## Hardware

Warranty	2 Years
Ports	1
Interface	RJ45 (Gigabit Ethernet)
Bus Type	USB 3.0
USB Pass-Through	Yes
Industry Standards	IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az
Chipset ID	ASIX - AX88179A VIA/VLI - VL817

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## Performance

Maximum Data Transfer Rate	5 Gbps (USB 3.0)
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	2 Gbps (Ethernet - Full-Duplex)
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.

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**Connector(s)**

Connector Type(s)	1 - RJ-45
	1 - USB Type-A (9 pin, 5 Gbps)
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**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> ChromeOS 55+
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**Special Notes / Requirements**

System and Cable Requirements	Available USB Port
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**Indicators**

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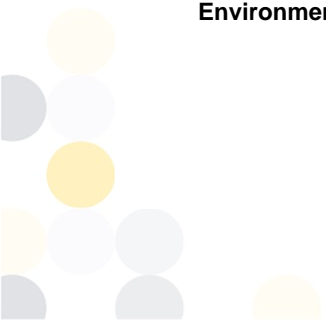
**Power**

Power Source	USB-Powered
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**Environmental**

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

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**Physical Characteristics**

Color	Black
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 [44.0 g]

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**Packaging Information**

Package Length	5.7 in [14.5 cm]
Package Width	6.8 in [17.2 cm]
Package Height	1.2 in [3.0 cm]
Shipping (Package) Weight	4.7 oz [132.0 g]

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**What's in the Box**

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

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

