

## USB 3.0 to Dual Port Gigabit Ethernet Adapter NIC w/ USB Port

**Product ID:** USB32000SPT



The USB32000SPT USB 3.0 to Dual Port Gigabit Ethernet Adapter lets you add two Gigabit Ethernet ports to your laptop or Ultrabook computer through a single USB 3.0 port, and features an integrated USB 3.0 pass-through port that keeps your USB port available for use with external storage or other peripherals. Each RJ45 port supports 10/100/1000 Mbps Ethernet and is fully compatible with IEEE 802.3i/u/ab standards.

This 2-port USB LAN adapter is a versatile solution for connecting to two separate physical networks simultaneously, leveraging the 5 Gbps speed of USB 3.0 to provide dedicated gigabit bandwidth to each port. The dual USB NIC is also ideal for providing dedicated physical network interfaces to virtual machine configurations. Great for IT administrators that require dual-homed or multi-homed host systems.

The USB 3.0 NIC supports IPv4/IPv6 packet Checksum Offload Engine (COE) and TCP large send offload to reduce the load on your CPU, as well as Jumbo Frames, full-duplex operation with 802.3x flow control, and VLAN tagging for 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

- Business or IT professionals that need to connect to two separate networks simultaneously
- Run a virtual machine(s) on a workstation, with access to separate physical network connections
- Replacement for a failed built-in Gigabit Ethernet port on a laptop

### Features

- Dual Gigabit Ethernet ports through a single USB 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	2
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 Support)
Chipset ID	ASIX - AX88179 VIA/VLI - VL811

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#### Performance

Maximum Data Transfer Rate	5 Gbps (USB 3.0) 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)	RJ-45
	USB Type-A (9 pin) USB 3.0 (5 Gbps)
	USB Type-A (9 pin) USB 3.0 (5 Gbps)

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## Software

OS Compatibility	Windows XP, Vista, 7, 8, 8.1, 10
	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>

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## Special Notes / Requirements

System and Cable Requirements	Available USB port
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## Indicators

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

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## Power

Power Source	USB-Powered
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## Environmental

Operating Temperature	0C to 50C (32F to 122F)
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	8.0 in [20.3 cm]
Product Length	3.0 in [75 mm]



Product Width	2.4 in [60 mm]
Product Height	0.6 in [16 mm]
Weight of Product	2.1 oz [59 g]

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**Packaging Information**

Package Length	5.6 in [14.1 cm]
Package Width	6.7 in [17.1 cm]
Package Height	1.2 in [31 mm]
Shipping (Package) Weight	5.4 oz [154 g]

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**What's in the Box**

Included in Package	USB 3.0 Dual Network Adapter
	Driver CD
	Instruction Manual

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

