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

StarTech 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.

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

Technical Specifications

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
Chipset ID	ASIX - AX88179 (2) VIA - VL811
Connector Type(s)	1 - USB 3.0 A (9 pin; SuperSpeed) Female
Connector Type(s)	1 - USB 3.0 A (9 pin; SuperSpeed) Male
Connector Type(s)	2 - RJ-45 Female
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.
OS Compatibility	Windows® 8.1 (32/64bit), 8 (32/64), 7 (32/64), Vista(32/64), XP(32/64) Windows® Server 2012, 2008 R2, 2003(32/64) Mac OS® 10.6 - 10.10 Linux Kernel 2.6.25 - 3.17.0
System and Cable Requirements	Available USB port
Color	Black
Enclosure Type	Plastic
Cable Length	8 in [203.2 mm]
Product Length	3 in [75 mm]
Product Width	2.4 in [60 mm]
Product Height	0.6 in [16 mm]
Product Weight	2.1 oz [59 g]
LED Indicators	1 - Gigabit Link/Activity (Amber)
LED Indicators	2 - 10/100 Link/Activity (Green)
Power Source	USB-Powered
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)

| Included in Package | 1 - Driver CD |
| Included in Package | 1 - Instruction Manual |

Certifications, Reports and Compatibility