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

StarTech ID: USB31000SPTB

The USB31000SPTB USB 3.0 to Gigabit Ethernet Adapter lets you add a Gigabit network port to your laptop or UltrabookTuesday, July 09, 2013 4:05:55 AMrade; 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. Each 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.

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
- Jumbo Frame support
- Supports Checksum Offload (IPv4, IPv6, TCP, UDP) and Large Send Offload
- Compact, lightweight design for maximum portability

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Spec Sheet

Technical Specifications

Warranty	2 Years
Bus Type	USB 3.0
Chipset ID	ASIX - AX88179 VIA - VL811
Industry Standards	IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az
Interface	RJ45 (Gigabit Ethernet)
Ports	1
USB Pass-Through	Yes
Connector Type(s)	1 - RJ-45 Female
Connector Type(s)	1 - USB 3.0 A (9 pin; SuperSpeed) Female
Connector Type(s)	1 - USB 3.0 A (9 pin; SuperSpeed) Male
Auto MDIX	Yes
Compatible Networks	10/100/1000 Mbps
Full Duplex Support	Yes
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
OS Compatibility	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64) Windows® Server 2008 R2, 2003(32/64) Mac OS 10.6 - 10.8 Linux Kernel 2.6.14 - 3.5.0
Cable Length	6 in [152.4 mm]
Color	Black
Enclosure Type	Plastic
Product Height	0.7 in [17 mm]
Product Length	3.2 in [82 mm]
Product Weight	1.8 oz [50 g]
Product Width	1.4 in [35 mm]
LED Indicators	1 - 10/100 Link/Activity (Green)
LED Indicators	1 - Gigabit Link/Activity (Amber)
Power Adapter Included	USB-Powered
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)

System and Cable Requirements Available USB Port

Shipping (Package) Weight   2.1 oz [60 g]

Included in Package   1 - USB 3.0 Network Adapter

Included in Package   1 - Driver CD

Included in Package   1 - Instruction Manual

Certifications, Reports and Compatibility