USB 3.0 to Gigabit Ethernet NIC Network Adapter

StarTech ID: USB31000S

The USB31000S USB 3.0 to Gigabit Ethernet Adapter adds a single RJ45 Ethernet port to a USB-enabled computer system, with support for Gigabit network connections at full bandwidth, unlike USB 2.0 adapters.

This compact USB 3.0 network adapter is backward compatible with older USB 2.0/1.x computer systems (speed limited by USB bus), making it the ideal portable replacement network adapter or laptop accessory. Plus, with support for features such as Jumbo Frames, VLAN tagging and Wake on LAN (WOL), the adapter offers a versatile Gigabit network solution for home and business users alike.

The USB31000S USB 3.0 Gigabit adapter is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Add Gigabit Ethernet capabilities to a desktop or laptop, without opening the computer or taking up an available expansion slot
- Replace a failed integrated network adapter with an external, USB Gigabit Ethernet connection, instead of having to open a desktop or laptop computer case
- Connects your laptop PC to a Gigabit network or backbone - perfect for small or home offices, departmental network applications and network gaming
- Transfer very large files over the network with access to true Gigabit speeds that USB 2.0 adapters cannot provide

Features

- USB to RJ45 adapter supports Gigabit networking over USB 3.0
- IEEE 802.3, 802.3u and 802.3ab (10BASE-T, 100BASE-TX, and 1000BASE-T) compatible
- Powered directly from the USB ports
- 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
- Activity and Link LED indicators
- Compact, lightweight design for maximum portability

Technical Specifications

Warranty	2 Years
Bus Type	USB 3.0
Chipset ID	ASIX AX88179
Industry Standards	IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az
Interface	USB 3.0
Ports	1
Connector Type(s)	1 - RJ-45 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
Type and Rate	USB 3.0 - 5 Gbit/s
OS Compatibility	Windows XP(32/64-bit)/ Server 2003(32/64-bit)/ Server 2008 R2/ Vista(32/64-bit)/ 7(32/64-bit)/ 8(32/64-bit) Mac OS 10.6/ 10.7/ 10.8
Color	Black
Enclosure Type	Plastic
Product Height	0.6 in [15.5 mm]
Product Length	2.6 in [67 mm]
Product Weight	1 oz [27 g]
Product Width	1 in [26 mm]
LED Indicators	1 - Activity (Yellow)
LED Indicators	1 - Link (Green)
Power Adapter Included	USB Powered
Humidity	< 80% RH
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Note	The Apple Mac OS operating systems currently do not support USB 3.0, so this device will function in USB 2.0 mode only.
System and Cable Requirements	Available USB port
Package Quantity	1
Shipping (Package) Weight	4.3 oz [122 g]

Included in Package   1 - USB 3.0 Gigabit Adapter

Included in Package   1 - Driver CD

Included in Package   1 - Instruction Manual

Certifications, Reports and Compatibility

RoHS Compliant Available

works with Windows 7

works with Windows Vista

works with Windows 8