USB 3.0 to Gigabit Ethernet NIC Network Adapter

Product 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.

Certifications, Reports and Compatibility

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

Hardware	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, IEEE 802.1q VLAN tagging
	Interface	RJ45 (Gigabit Ethernet)
	Ports	1
Performance	Auto MDIX	Yes
	Compatible Networks	10/100/1000 Mbps
	Full Duplex Support	Yes
	Jumbo Frame Support	4K max.
	Max Distance	100 m / 330 ft
	Type and Rate	USB 3.0 - 5 Gbit/s
Connector(s)	Connector Type(s)	1 - RJ-45 Female
		1 - USB Type-A (9 pin) USB 3.0 Male
Software	OS Compatibility	Windows® XP, Vista, 7, 8, 8.1, 10 Windows® Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019 Mac OS® 10.6 to 10.15*VLAN tagging is currently not supported in Mac OS* Linux Kernel 2.6.25 to 4.11.x *LTS Versions only* ChromeOS 55+
Special Notes / Requirements	System and Cable Requirements	Available USB port
Indicators	LED Indicators	1 - Activity (Yellow)
		1 - Link (Green)
Power	Power Source	USB-Powered
Environmental	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)
Physical Characteristics	Cable Length	5.3 in [135 mm]
	Color	Black
	Enclosure Type	Plastic
	Form Factor	Attached Cable

	Product Height	0.6 in [1.6 cm]
	Product Length	2.6 in [67 mm]
	Product Width	1 in [26 mm]
	Weight of Product	1 oz [28 g]
Packaging Information	Package Height	1.6 in [40 mm]
	Package Length	6.5 in [16.5 cm]
	Package Quantity	1
	Package Width	5.1 in [13 cm]
	Shipping (Package) Weight	4.9 oz [138 g]
What's in the Box	Included in Package	1 - USB 3.0 Gigabit Adapter
		1 - Driver CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.