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

- Activity and Link LED indicators

- 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

- Compact, lightweight design for maximum portability

- Jumbo Frame support

- Supports Checksum Offload (IPv4, IPv6, TCP, UDP) and Large Send Offload

Hardware

	Warranty	2 Years
	Ports	1
	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
	Chipset ID	ASIX - AX88179

Performance

	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.

Connector(s)

	Connector Type(s)	USB Type-A (9 pin) USB 3.0 (5 Gbps)

RJ-45

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<i>VLAN tagging is currently not supported in macOS</i>
		Linux Kernel 2.6.25 to 4.11.x <i>LTS Versions only</i>
		ChromeOS 55+
Special Notes / Requirements		
	System and Cable Requirements	Available USB port
Indicators		
	LED Indicators	Link (Green)
		Activity (Yellow)
Power		
	Power Source	USB-Powered
Environmental		
	Operating Temperature	0C to 40C (32F to 104F)
	Storage Temperature	-20C to 60C (-4F to 140F)
	Humidity	< 80% RH
Physical Characteristics		
	Color	Black
	Form Factor	Attached Cable
	Material	Plastic
	Cable Length	5.3 in [13.5 cm]
	Product Length	2.6 in [67 mm]
	Product Width	1.0 in [26 mm]
	Product Height	0.6 in [15.5 mm]

	Weight of Product	1.0 oz [28 g]

Packaging Information

	Package Quantity	1
	Package Length	6.5 in [16.5 cm]
	Package Width	5.1 in [13 cm]
	Package Height	1.6 in [40 mm]
	Shipping (Package) Weight	4.9 oz [138 g]

What's in the Box

	Included in Package	USB 3.0 Gigabit Adapter
		Driver CD
		Instruction Manual

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