

## 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

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#### 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

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#### 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.

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#### Connector(s)

Connector Type(s)	USB Type-A (9 pin) USB 3.0 (5 Gbps)
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## 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, 11.3 and up<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+
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### Special Notes / Requirements

System and Cable Requirements	Available USB port
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### Indicators

LED Indicators	Link (Green) Activity (Yellow)
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### Power

Power Source	USB-Powered
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### 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]
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**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]

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**What's in the Box**

Included in Package	USB 3.0 Gigabit Adapter
	Driver CD
	Instruction Manual

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

