

## USB 3.0 to Gigabit Ethernet NIC Network Adapter – 10/100/1000 Mbps

StarTech ID: USB31000NDS



The USB31000NDS USB 3.0 to Gigabit Ethernet Network Adapter adds a single RJ45 Ethernet port to a USB-enabled computer system, with support for Gigabit network connections at full bandwidth when used with a USB 3.0 host connection, unlike USB 2.0 adapters.

This compact USB 3.0 NIC works with 10/100/1000 Mbps networks and offers backward compatibility with USB 2.0/1.x computer systems (speed limited by USB bus), making it an ideal portable replacement LAN adapter or laptop accessory. Support for features such as Jumbo Frames, VLAN tagging and Wake on LAN (WOL), provides versatile Gigabit network performance for home or business use.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Applications

- Add Gigabit Ethernet capabilities to a desktop or laptop
- Replace a failed integrated network adapter with an external, USB Ethernet solution to avoid opening the computer case

### Features

- Full Gigabit bandwidth support over USB 3.0
- IEEE 802.3, 802.3u and 802.3ab (10BASE-T, 100BASE-TX, and 1000BASE-T) compatible
- USB-Powered
- Crossover Detection & Auto-Correction (Auto MDIX)
- IEEE 802.1Q VLAN Tagging support

**Technical Specifications**

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
Chipset ID	ASIX - AX88179
Connector Type(s)	1 - RJ-45 Female
Connector Type(s)	1 - USB 3.0 A (9 pin; SuperSpeed) Male
Maximum Data Transfer Rate	1Gbps (Gigabit Ethernet)
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.
OS Compatibility	Windows® 8.1 (32/64bit), 8 (32/64), 7 (32/64), Vista(32/64), XP(32/64) Windows® Server 2012, 2008 R2, 2003(32/64) Mac OS® 10.6 - 10.10 Linux Kernel 2.6.25 - 3.17.0
System and Cable Requirements	Host computer system with an available USB 3.0/2.0 port
Color	Black
Enclosure Type	Plastic
Product Length	2.7 in [68 mm]
Product Width	0.9 in [22.6 mm]
Product Height	1 in [26 mm]
Product Weight	0.7 oz [21 g]
LED Indicators	1 - Activity (Yellow)
LED Indicators	1 - Link (Green)
Power Source	USB-Powered
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	0°C to 70°C (32°F to 158°F)
Humidity	10~90% RH
Shipping (Package) Weight	3.5 oz [100 g]
Included in Package	1 - USB 3.0 to Gigabit Ethernet Adapter

Certifications, Reports and Compatibility

