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

Product 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.

Certifications, Reports and Compatibility

RoHS Compliant
Available

CE

FC

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
- Jumbo Frame support
- Supports Checksum Offload (IPv4, IPv6, TCP, UDP) and Large Send Offload
- Activity and Link LED indicators
- Compact, lightweight design

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
	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
	Maximum Data Transfer Rate	1Gbps (Gigabit Ethernet)
	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 Mac OS® 10.6 to 10.14 *VLAN tagging is currently not supported in Mac OS* Linux Kernel 2.6.25 to 4.11.x *LTS Versions only*
Special Notes / Requirements	System and Cable Requirements	Host computer system with an available USB 3.0/2.0 port
Indicators	LED Indicators	1 - Activity (Yellow)
		1 - Link (Green)
Power	Power Source	USB-Powered
Environmental	Humidity	10~90% RH
	Operating Temperature	0°C to 50°C (32°F to 122°F)
	Storage Temperature	0°C to 70°C (32°F to 158°F)
Physical Characteristics	Color	Black
	Enclosure Type	Plastic
	Form Factor	Dongle
	Product Height	1 in [26 mm]
	Product Length	2.7 in [68 mm]

	Product Weight	0.8 oz [22 g]
	Product Width	0.9 in [22.6 mm]
Packaging Information	Shipping (Package) Weight	3.5 oz [98 g]
What's in the Box	Included in Package	1 - USB 3.0 to Gigabit Ethernet Adapter
		1 - Driver CD
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.