

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

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
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

Performance

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.

Connector(s)

Connector Type(s)	RJ-45
	USB Type-A (9 pin) USB 3.0 (5 Gbps)

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>
Special Notes / Requirements		
	System and Cable Requirements	Host computer system with an available USB 3.0/2.0 port
Indicators		
	LED Indicators	Link (Green)
		Activity (Yellow)
Power		
	Power Source	USB-Powered
Environmental		
	Operating Temperature	0C to 50C (32F to 122F)
	Storage Temperature	0C to 70C (32F to 158F)
	Humidity	10~90% RH
Physical Characteristics		
	Color	Black
	Form Factor	Dongle
	Material	Plastic
	Product Length	2.7 in [68 mm]
	Product Width	0.9 in [22.6 mm]
	Product Height	1.0 in [26 mm]
	Weight of Product	0.8 oz [22 g]
Packaging Information		
	Package Length	6.8 in [17.3 cm]

Package Width	5.5 in [14 cm]
Package Height	1.3 in [32 mm]
Shipping (Package) Weight	3.5 oz [98 g]

What's in the Box

Included in Package	USB 3.0 to Gigabit Ethernet Adapter
	Driver CD
	Instruction Manual

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

