



element14

---

**EN** - For pricing and availability in your local country please visit one of the below links:

**DE** - Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:

**FR** - Pour connaître les tarifs et la disponibilité dans votre pays, cliquez sur l'un des liens suivants:

[USB31000NDS](#)

**EN**

This Datasheet is presented by  
the manufacturer

**DE**

Dieses Datenblatt wird vom  
Hersteller bereitgestellt

**FR**

Cette fiche technique est  
présentée par le fabricant

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

Technical Specifications

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
Connector Type(s)	1 - RJ-45 Female
Connector Type(s)	1 - USB 3.0 A (9 pin; SuperSpeed) Male
Auto MDIX	Yes
Compatible Networks	10/100/1000 Mbps
Full Duplex Support	Yes
Max Distance	100 m / 330 ft
Maximum Data Transfer Rate	1Gbps (Gigabit Ethernet)
Type and Rate	USB 3.0 - 5 Gbit/s
OS Compatibility	Windows® 8 (32/64bit), 7 (32/64), Vista(32/64), XP(32/64) Windows® Server 2008 R2, 2003(32/64) Mac OS 10.6 - 10.8 Linux Kernel 2.6.14 - 3.5.0
Color	Black
Enclosure Type	Plastic
Product Height	26 mm [1 in]
Product Length	68 mm [2.7 in]
Product Weight	21 g [0.7 oz]
Product Width	22.6 mm [0.9 in]
LED Indicators	1 - Activity (Yellow)
LED Indicators	1 - Link (Green)
Power Adapter Included	USB-Powered
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)
System and Cable Requirements	Host computer system with an available USB 3.0/2.0 port
Shipping (Package) Weight	105 g [3.7 oz]
Included in Package	1 - USB 3.0 to Gigabit Ethernet Adapter
Included in Package	1 - Driver CD
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility





element14

---

**EN** - For pricing and availability in your local country please visit one of the below links:

**DE** - Informationen zu Preisen und Verfügbarkeit in Ihrem Land erhalten Sie über die unten aufgeführten Links:

**FR** - Pour connaître les tarifs et la disponibilité dans votre pays, cliquez sur l'un des liens suivants:

[USB31000NDS](#)

**EN**

This Datasheet is presented by  
the manufacturer

**DE**

Dieses Datenblatt wird vom  
Hersteller bereitgestellt

**FR**

Cette fiche technique est  
présentée par le fabricant