## USB 3.0 to Gigabit Ethernet Adapter NIC w/ USB Port - White

*StarTech ID: USB31000SPTW*

The USB31000SPTW USB 3.0 to Gigabit Ethernet Adapter lets you add a Gigabit network port to your Macbook® or Ultrabook™ computer through a USB 3.0 port, and features an integrated USB 3.0 pass-through port that keeps your USB port available for use with other peripherals. The RJ45 port supports 10/100/1000 Mbps Ethernet and is fully compatible with IEEE 802.3i/u/ab standards.

An ideal replacement LAN adapter or laptop accessory, this compact USB 3.0 NIC leverages the 5 Gbps speed of USB 3.0 to provide full gigabit bandwidth and also offers backward compatibility with USB 2.0 systems (speed limited by USB bus).

The adapter supports features such as IPv4/IPv6 packet Checksum Offload Engine (COE) and TCP large send offload to reduce the load on your CPU. Jumbo Frames, full-duplex operation with 802.3x flow control and VLAN tagging are also supported, making this an efficient and full-featured USB network adapter.

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

### Applications

- Add Gigabit Ethernet capabilities to a desktop or laptop
- Replacement for a failed built-in Gigabit Ethernet port on a laptop

**Features**

- Gigabit Ethernet port through a USB 3.0 / 2.0 connection
- Integrated USB 3.0 pass-through port
- IEEE 802.3, 802.3u and 802.3ab (10BASE-T, 100BASE-TX, and 1000BASE-T) compatible
- Crossover Detection & Auto-Correction (Auto MDIX)
- IEEE 802.1Q VLAN Tagging support
- Up to 4K Jumbo Frame support
- Supports Checksum Offload (IPv4, IPv6, TCP, UDP) and Large Send Offload
- Compact, lightweight design for maximum portability

**Technical Specifications**

| | |
|---|---|
| Warranty | 2 Years |
| Bus Type | USB 3.0 |
| Chipset ID | ASIX - AX88179<br>VIA - VL811 |
| Industry Standards | IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az |
| Interface | RJ45 (Gigabit Ethernet) |
| Ports | 1 |
| USB Pass-Through | Yes |
| 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 | 5 Gbps (USB 3.0)<br>2 Gbps (Ethernet - Full-Duplex) |
| Type and Rate | USB 3.0 - 5 Gbit/s |
| Connector Type(s) | 1 - RJ-45 Female |
| Connector Type(s) | 1 - USB Type-A (9 pin) USB 3.0 Female |
| Connector Type(s) | 1 - USB Type-A (9 pin) USB 3.0 Male |
| OS Compatibility | Windows® XP, Vista, 7, 8, 8.1, 10<br>Windows Server® 2003, 2008 R2, 2012, 2012 R2<br>Mac OS X® 10.6 to 10.11 - *VLAN tagging is currently not supported in Mac OS*<br>Linux Kernel 2.6.25 to 4.4.x *LTS Versions only* |
| System and Cable Requirements | Available USB Port |
| LED Indicators | 1 - 10/100 Link/Activity (Green) |
| LED Indicators | 1 - Gigabit Link/Activity (Amber) |
| Power Source | USB-Powered |
| Humidity | 5~85% RH |
| Operating Temperature | 0°C to 50°C (32°F to 122°F) |
| Storage Temperature | -20°C to 60°C (-4°F to 140°F) |
| Cable Length | 6.1 in [155 mm] |
| Color | White |
| Enclosure Type | Plastic |

| | |
|---|---|
| Form Factor | Attached Cable |
| Product Height | 0.7 in [17 mm] |
| Product Length | 5 in [126 mm] |
| Product Weight | 1.5 oz [43 g] |
| Product Width | 1.4 in [35 mm] |
| Shipping (Package) Weight | 4.5 oz [128 g] |
| Included in Package | 1 - USB 3.0 Network Adapter |
| Included in Package | 1 - Driver CD |
| Included in Package | 1 - Instruction Manual |

**Certifications, Reports and Compatibility**

RoHS Compliant
Available

CE

FC