

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

Product ID: USB31000SPTW



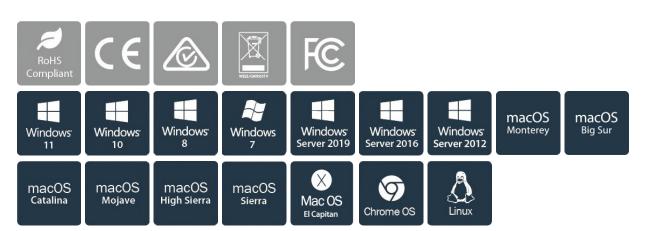
The USB31000SPTW USB 3.0 to Gigabit Ethernet Adapter lets you add a Gigabit network port to your Macbook or Ultrabook computer through a USB 3.0 port, and features an integrated USB 3.0 pass-through port that keeps your USB port available for use with other peripherals. The RJ45 port supports 10/100/1000 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.

Certifications, Reports and Compatibility





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

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Warranty 2 Years

Ports 1

Interface RJ45 (Gigabit Ethernet)

Bus Type USB 3.2 Gen 1 (5Gbps)

USB Pass-Through Yes

Industry Standards IEEE802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az

Chipset ID ASIX - AX88179A

VIA/VLI - VL817

Performance

Maximum Data Transfer

Rate

5 Gbps (USB 3.0)

2 Gbps (Ethernet - Full-Duplex)

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) 1 - RJ-45

1 - USB Type-A (9 pin, 5 Gbps)

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Software

OS Compatibility Windows XP, Vista, 7, 8, 8.1, 10, 11

Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019,

2022

macOS 10.6 to 10.15, 11.3 to 13.0 - <i>VLAN tagging is

currently not supported in macOS</i>

Linux Kernel 2.6.25 and up - <i>LTS Versions only</i>

Special Notes / Requirements

System and Cable Requirements

Available USB Port

Indicators

LED Indicators 1 - Gigabit Link/Activity (Amber)

1 - 10/100 Link/Activity (Green)

Power

Power Source USB-Powered

Environmental

Operating Temperature 0C to 50C (32F to 122F)

Storage Temperature -20C to 60C (-4F to 140F)

Humidity 5~85% RH

Physical





Characteristics

Form Factor Attached Cable

White

Material Plastic

Color

Cable Length 6.1 in [155 mm]

Product Length 5.0 in [12.6 cm]

Product Width 1.4 in [35 mm]

Product Height 0.7 in [1.7 cm]

Weight of Product 1.6 oz [44 g]

Packaging Information

Package Quantity 1

Package Length 5.6 in [14.3 cm]

Package Width 6.7 in [17 cm]

Package Height 1.1 in [29 mm]

Shipping (Package)

Weight

4.7 oz [132 g]

What's in the Box

Included in Package 1 - USB 3.0 Network Adapter

1 - Driver CD

1 - Instruction Manual

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