

USB 3.0 to Fiber Optic Converter - 1000Base-SX SC

Product ID: US1GA30SXSC



This USB to fiber-optic converter lets you utilize the USB 3.0 (Type-A) port on your laptop or tablet to provide a secure fiber network connection. Windows and Mac compatible, the network adapter provides a 1000Mbps Ethernet network connection and 1000Base-SX SC optical transceiver.

The USB to fiber-optic converter is equipped with an optical transceiver for 1000Base-SX networks, providing network connectivity with a maximum range of 550 m over multimode fiber.

This USB to fiber converter provides reliable connectivity while protecting your network from problems with electronic interference - a common issue with copper Ethernet networks. Fiber-to-the-desk connectivity (FTTD) maximizes network security, reducing the risk of data leaks for sensitive information, without compromising network speed and reliability.

Compact and portable, this USB 3.0 fiber-optic converter is powered directly from the USB port, making it easy to connect when you're on the go.

Get up and running quickly. The converter supports certified drivers for Windows, Mac and Linux. When you plug the adapter into a USB port, you simply install the drivers and the adapter is ready to transmit over a fiber network.

The US1GA30SXSC is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Provides a portable network connectivity solution for mobile professionals, to access a fiber network through the USB port on their laptop or tablet
- Ideal for secure network connectivity - a direct fiber connection means no electronic interference, which can be a

problem with RJ45 network cards

Features

- Provides a fiber network connection to portable laptops or tablets
- Fiber-to-the-desk connectivity (FTTD) enhances security, reducing the risk of data leaks
- Add a 1000Mbps 1000BaseSX SC Ethernet connection through a USB 3.0 Type-A interface
- Highly portable design, with no need for an external power adapter (bus powered)
- 1000Base-SX 1X9 SC optical transceiver
- 550 m range over multimode fiber
- Certified drivers for Windows, macOS and Linux
- Plug-and-play installation
- Wake-on-LAN support

Hardware

Warranty	2 Years
Ports	1
Interface	Fiber Ethernet
Bus Type	USB 3.0
Industry Standards	IEEE802.3z 1000BASE-SX IEEE 802.1Q VLAN tagging
Chipset ID	Realtek - RTL8153-VB-CG Microsemi - VSC8211XVW

Performance

Maximum Data Transfer Rate	1000 Mbps
Max Distance	550 m / 1804 ft
Type	Multi Mode
Wavelength	850nm



DDM	No
Compatible Networks	1000 Mbps (1 Gbps)
Jumbo Frame Support	9K max.
Promiscuous Mode	Yes

Connector(s)

Connector Type(s)	9 pin USB 3.0 A
	Fiber Optic SC Duplex

Software

OS Compatibility	Windows 7, 8, 8.1, 10
	Windows Server 2008, 2012, 2016, 2019
	macOS 10.9 - 10.14, 11.0
	Linux kernel 3.5 to 4.11.x, LTS versions only

Indicators

LED Indicators	Power
	Link/Activity

Power

Power Source	USB-Powered
--------------	-------------

Environmental

Operating Temperature	0C ~ 60C (32 ~ 140F)
Storage Temperature	-10 ~ 70C (14 ~ 158F)
Humidity	5% ~ 90% RH

Physical Characteristics

Color	Black
Cable Length	7.7 in [19.5 cm]
Product Length	6.7 in [17 cm]
Product Width	5.5 in [14 cm]

Product Height	0.8 in [20 mm]
Weight of Product	3.9 oz [110 g]

Packaging Information

Package Length	5.6 in [14.2 cm]
Package Width	6.7 in [17 cm]
Package Height	1.2 in [30 mm]
Shipping (Package) Weight	1.9 oz [54 g]

What's in the Box

Included in Package	network adapter
	quick-start guide

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

