

# 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.

## Fiber-optic SC port

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.

## Secure fiber-to-the-desk connectivity

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.

## **Easy portability**

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.

## **Plug and play**

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

<b>Hardware</b>	Warranty	2 Years
	Bus Type	USB 3.0
	Chipset ID	Realtek - RTL8153-VB-CG Microsemi - VSC8211XVW
	Industry Standards	IEEE802.3z 1000BASE-SX IEEE 802.1Q VLAN tagging
	Interface	Fiber Ethernet
	Ports	1
<b>Performance</b>	Compatible Networks	1000 Mbps (1 Gbps)
	DDM	No
	Jumbo Frame Support	9K max.
	Max Distance	550 m / 1804 ft
	Maximum Data Transfer Rate	1000 Mbps
	Promiscuous Mode	Yes
	Type	Multi Mode
	Wavelength	850nm
<b>Connector(s)</b>	Connector Type(s)	1 - 9 pin USB 3.0 A Female 1 - Fiber Optic SC Duplex Female
<b>Software</b>	OS Compatibility	Windows® 7, 8, 8.1, 10 Windows® Server 2008, 2012, 2016, 2019 macOS 10.9 - 10.14 Linux® kernel 3.5 to 4.11.x, LTS versions only
<b>Indicators</b>	LED Indicators	1 - Power 1 - Link/Activity
<b>Power</b>	Power Source	USB-Powered
<b>Environmental</b>	Humidity	5% ~ 90% RH
	Operating Temperature	0°C ~ 60°C (32° ~ 140°F)
	Storage Temperature	-10° ~ 70°C (14° ~ 158°F)
<b>Physical Characteristics</b>	Cable Length	7.7 in [195 mm]
	Color	Black
	Product Height	0.8 in [2 cm]
	Product Length	6.7 in [17 cm]
	Product Width	5.5 in [14 cm]

	Weight of Product	3.9 oz [110 g]
<b>Packaging Information</b>	Package Height	1.2 in [30 mm]
	Package Length	5.6 in [14.2 cm]
	Package Width	6.7 in [17 cm]
	Shipping (Package) Weight	1.9 oz [54 g]
<b>What's in the Box</b>	Included in Package	1 - network adapter
		1 - quick-start guide

Product appearance and specifications are subject to change without notice.