

## 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
- 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
- Fiber-to-the-desk connectivity (FTTD) enhances security, reducing the risk of data leaks

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

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<b>Connector(s)</b>	Connector Type(s)	9 pin USB 3.0 A
	Connector Type(s)	Fiber Optic SC Duplex
<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
	LED Indicators	Power
	LED Indicators	Link/Activity
	<b>Power</b>	Power Source
<b>Environmental</b>	Operating Temperature	0C ~ 60C (32 ~ 140F)
	Storage Temperature	-10 ~ 70C (14 ~ 158F)
	Humidity	5% ~ 90% RH
<b>Physical Characteristics</b>	Color	Black
	Cable Length	7.7 in [2.0 cm]
	Product Length	6.7 in [1.7 cm]
	Product Width	5.5 in [1.4 cm]
	Product Height	0.8 in [20 mm]
	Weight of Product	3.9 oz [110 g]
<b>Packaging Information</b>	Package Length	5.6 in [1.4 cm]
	Package Width	6.7 in [1.7 cm]
	Package Height	1.2 in [30 mm]
	Shipping (Package) Weight	1.9 oz [54 g]
<b>What's in the Box</b>	Included in Package	network adapter
	Included in Package	quick-start guide

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