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Data Sheet

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

	Warranty	2 Years
Hardware	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
Performance	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
Connector(s)	Connector Type(s)	1 - 9 pin USB 3.0 A Female 1 - Fiber Optic SC Duplex Female
Software	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
Indicators	LED Indicators	1 - Power 1 - Link/Activity
Power	Power Source	USB-Powered
Environmental	Humidity	5% ~ 90% RH
	Operating Temperature	0°C ~ 60°C (32° ~ 140°F)
	Storage Temperature	-10° ~ 70°C (14° ~ 158°F)
Physical Characteristics	Cable Length	195 mm [7.7 in]
	Color	Black
	Product Height	2 cm [0.8 in]
	Product Length	17 cm [6.7 in]
	Product Width	14 cm [5.5 in]

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

Product appearance and specifications are subject to change without notice.