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Data Sheet

USB 3.0 to Fiber Optic Converter - Open SFP

Product ID: US1GA30SFP



This USB 3.0 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 Gigabit Ethernet (1000Mbps) optical network connection for portable laptops or tablets, or systems without expansion slots.

A flexible solution with an open SFP slot

The open SFP slot enables you to use your preferred SFP transceiver module to meet your networking needs - use an SFP with your desired wavelength, distance, and connection type to achieve an efficient network solution. (SFP sold separately.)

Secure fiber-to-the-desk connectivity

This USB to fiber-optic converter provides reliable fiber 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 to fiber-optic converter is powered directly from the USB port.

Plug and play

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

The US1GA30SFP 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 Gigabit Ethernet (1000Mbps) connection through a USB 3.0 Type-A interface
- Highly portable design, with no need for an external power adapter (bus powered)
- Open SFP slot, compatible with MSA compliant SFP modules
- 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/LX IEEE 802.1Q VLAN tagging
	Interface	Fiber Ethernet
	Ports	1
Performance	Compatible Networks	1000 Mbps (1 Gbps)
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
	Maximum Data Transfer Rate	1000 Mbps
	Promiscuous Mode	Yes
Connector(s)	Connector Type(s)	1 - 9 pin USB 3.0 A Female
	External Ports	1 - SFP Slot 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
Special Notes / Requirements	**Note**	Fiber data transfer speeds and distances are dependent on the SFP used (sold separately)
	System and Cable Requirements	USB-enabled computer with an available USB 3.0 port
		1Gb SFP transceiver with your desired network connection
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
	Enclosure Type	Plastic
	Product Height	2 cm [0.8 in]

	Product Length	17 cm [6.7 in]
	Product Width	14.1 cm [5.6 in]
	Weight of Product	106 g [3.7 oz]
Packaging Information	Package Height	30 mm [1.2 in]
	Package Length	26.5 cm [10.4 in]
	Package Width	17 cm [6.7 in]
	Shipping (Package) Weight	52 g [1.8 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.