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USB-C to Fiber Optic Converter - Open SFP

Product ID: US1GC30SFP



This USB-C to fiber-optic converter lets you utilize the USB 3.0 (Type-C) port on your laptop or tablet to provide a secure fiber network connection. Windows and Mac compatible, the network adapter provides a Gigabit Ethernet (1000 Mbps) optical network connection for portable laptops or tablets, or systems without expansion slots.

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, connection type to achieve an efficient network solution. (SFP sold separately.)

This USB to fiber-optic converter provides reliable fiber connectivity while protecting your network from problems with electronic interference - a common issue with copperEthernet 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-C to fiber-optic converter is powered directly from the USB port.

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-C port, you simply install the drivers and the adapter is ready to transmit over a fiber network.

Developed to improve performance and security, StarTech.com Connectivity Tools is the only software suite on the market that works with a wide range of IT connectivity accessories. The software suite includes:

Mac Address Pass-Through Utility: To improve network security.

Wi-Fi Auto Switch Utility: Enabling users to quickly access faster network speeds via wired LAN.

For more information and to download the StarTech.com Connectivity Tools application, please visit: www.StarTech.com/Connectivity-Tools

The US1GC30SFP is backed by a StarTech.com 2-year warranty and free lifetime technical support.

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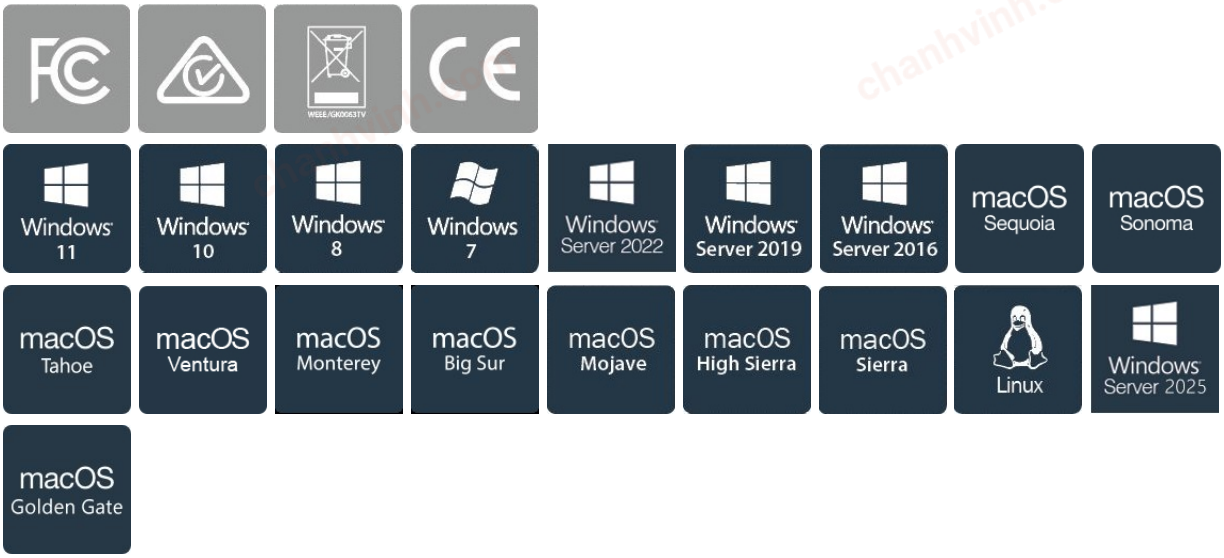
Certifications, Reports and Compatibility



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-C interface

• Highly portable design, with no need for an external power adapter (bus powered)

• Open SFP slot, compatible with MSA compliant SFP modules

General

UPC	065030875042
Package Quantity	1
Warranty	2 Years

Special Notes /

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Requirements		
	Special Notes	Jumbo Frames are no longer supported in macOS
		Reading of SFP module DOM/DDM is unsupported and will not work.
Power		
	Power Source	USB-Powered
Physical & Environmental		
	Color	Black
	Network Adapter Form Factor	Attached Cable
	Material	Plastic
	Cable Length	7.7 in [19.5 cm]
	Product Length	10.2 in [26.0 cm]
	Product Width	2.2 in [55.0 mm]
	Product Height	0.7 in [18.1 mm]
	Weight of Product	1.6 oz [46 g]
	Operating Temperature	0C ~ 60C (32 ~ 140F)
	Storage Temperature	-10 ~ 70C (14 ~ 158F)
	Humidity	5% ~ 90% RH
Performance		
	Maximum Data Transfer Rate	1000 Mbps
	Compatible Networks	1000 Mbps (1 Gbps)
	Full Duplex Support	Yes
	Jumbo Frame Support	9K max.
	Promiscuous Mode	Yes
	Wake-On-LAN (WOL)	Yes
Hardware		

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Number of Ports	1
Interface	Fiber Ethernet
Bus Type	USB-C
Industry Standards	IEEE802.3z 1000BASE-SX/LX IEEE 802.1Q VLAN tagging
Chipset ID	Realtek - RTL8153B-VC-CG IC Plus - IP1103A
LED Indicators	1 - Power 1 - Link/Activity

Packaging & In-the-Box

Included in Package	1 - network adapter 1 - quick-start guide
Package Width	6.7 in [17.1 cm]
Package Depth	5.6 in [14.1 cm]
Package Height	1.2 in [30 mm]
Shipping (Package) Weight	3.5 oz [100 g]

Connector(s)

Connector 1 (Quantity)	1
Connector 1	USB-C (5Gbps, 4.5W)
Connector 2 (Quantity)	1
Connector 2	SFP Slot

Product appearance and specifications are subject to change without notice.