

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 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-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.

The US1GC30SFP 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-C 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

Hardware

| | |
|--------------------|---|
| Warranty | 2 Years |
| Ports | 1 |
| Interface | Fiber Ethernet |
| Bus Type | USB-C |
| Industry Standards | IEEE802.3z 1000BASE-SX/LX IEEE 802.1Q VLAN tagging |
| Chipset ID | Realtek - RTL8153-VB-CG Microsemi - VSC8211XVW |

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

Connector(s)

Connector Type(s) USB Type-C (24 pin) USB 3.0 (5Gbps)

External Ports SFP Slot

Software

OS Compatibility Windows 7, 8, 8.1, 10
Windows Server 2008, 2012, 2016, 2019
macOS 10.9 - 10.14, 11.0
Linux kernel 3.5 to 4.11.x, LTS versions only

Indicators

LED Indicators Power
Link/Activity

Power

Power Source USB-Powered

Environmental

Operating Temperature 0C ~ 60C (32 ~ 140F)
Storage Temperature -10 ~ 70C (14 ~ 158F)
Humidity 5% ~ 90% RH

Physical Characteristics

Color Black
Material Plastic
Cable Length 7.7 in [19.5 cm]
Product Length 10.2 in [26 cm]
Product Width 2.2 in [55 mm]
Product Height 0.8 in [20 mm]
Weight of Product 1.7 oz [48 g]

Packaging



Information

| | |
|---------------------------|------------------|
| Package Length | 5.6 in [14.2 cm] |
| Package Width | 6.7 in [17 cm] |
| Package Height | 1.2 in [30 mm] |
| Shipping (Package) Weight | 3.7 oz [104 g] |

What's in the Box

| | |
|---------------------|-------------------|
| Included in Package | network adapter |
| | quick-start guide |

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

