

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.

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, 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-C 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-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

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| Hardware | Warranty | 2 Years |
| | Bus Type | USB-C |
| | 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 - USB Type-C (24 pin) USB 3.0 (5Gbps) 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 |
| Indicators | LED Indicators | 1 - Power 1 - Link/Activity |
| | 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 | 7.7 in [195 mm] |
| | Color | Black |
| | Enclosure Type | Plastic |
| | Product Height | 0.8 in [2 cm] |
| | Product Length | 10.2 in [26 cm] |
| | Product Width | 2.2 in [55 mm] |
| | Weight of Product | 1.7 oz [48 g] |

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