

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

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| Hardware | Warranty | 2 Years |
| | 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 |
| 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 |
| | Material | Plastic |
| | Product Height | 0.8 in [2 cm] |

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