This USB 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 1000Mbps Ethernet network connection and 1000Base-SX SC optical transceiver.

**Fiber-optic SC port**

The USB to fiber-optic converter is equipped with an optical transceiver for 1000Base-SX networks, providing network connectivity with a maximum range of 550 m over multimode fiber.

**Secure fiber-to-the-desk connectivity**

This USB to fiber converter provides reliable 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 fiber-optic converter is powered directly from the USB port, making it easy to connect when you’re on the go.

Plug and play

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

The US1GA30SXSC is backed by a StarTech.com 2-year warranty and free lifetime technical support.
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 1000Mbps 1000BaseSX SC Ethernet connection through a USB 3.0 Type-A interface.
- Highly portable design, with no need for an external power adapter (bus powered).
- 1000Base-SX 1X9 SC optical transceiver.
- 550 m range over multimode fiber.
- 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  
  IEEE 802.1Q VLAN tagging
- **Interface**: Fiber Ethernet
- **Ports**: 1

### Performance
- **Compatible Networks**: 1000 Mbps (1 Gbps)
- **DDM**: No
- **Jumbo Frame Support**: 9K max.
- **Max Distance**: 550 m / 1804 ft
- **Maximum Data Transfer Rate**: 1000 Mbps
- **Promiscuous Mode**: Yes
- **Type**: Multi Mode
- **Wavelength**: 850nm

### Connector(s)
- **Connector Type(s)**: 1 - 9 pin USB 3.0 A Female  
  1 - Fiber Optic SC Duplex Female

### Software
- **OS Compatibility**: Windows® 7, 8, 8.1, 10  
  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
- **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
- **Product Height**: 0.8 in [2 cm]
- **Product Length**: 6.7 in [17 cm]
- **Product Width**: 5.5 in [14 cm]
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Product appearance and specifications are subject to change without notice.