USB to Fiber Optic Converter - 100Mbps - USB 2.0 to Fiber Network Adapter - 100Base-FX SC Female Duplex Multimode Fiber/MMF Compatible - 2Km - Compact USB to Fiber LAN

Product ID: US100A20FXSC

This USB to fiber-optic converter lets you utilize the USB 2.0 (Type-A) port on your laptop or tablet to provide a secure fiber network connection. Windows and Mac compatible, the network adapter provides a 100Mbps Ethernet network connection and 100BaseFX SC optical transceiver.

With an optical transceiver for 100Base-FX networks, the USB to fiber converter delivers network connectivity with a maximum range of 2 km over multimode fiber.

For reliable fiber connectivity, this USB to fiber-optic converter protects 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 of sensitive information, without compromising network speed and reliability.

Compact and portable, this USB 2.0 to fiber-optic converter is powered directly from the USB port, making it easy to connect when you're on the go.

Get up and running quickly. The USB fiber-optic converter supports certified drivers for Windows 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.

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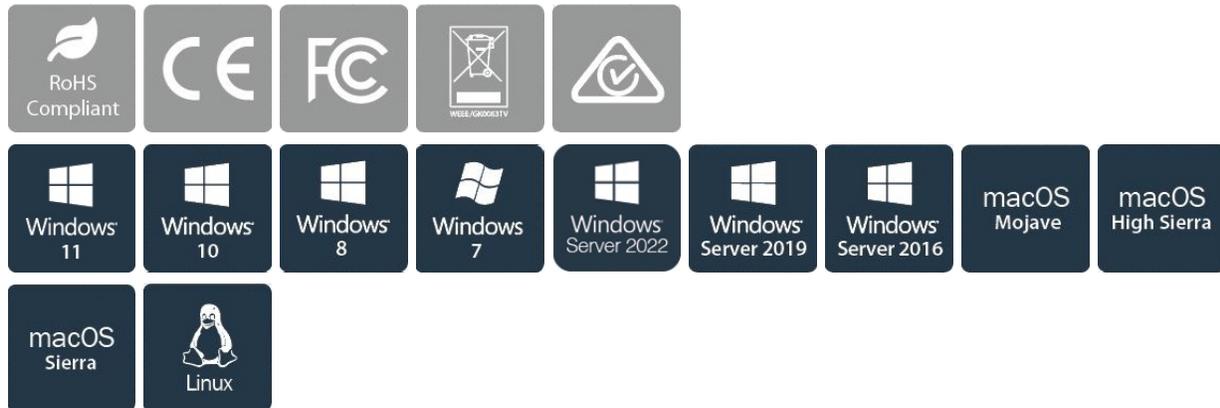
Mac Address Pass-Through Utility: To improve network security.

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 US100A20FXSC is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

(RoHS Compliant) (CE) (FC) (WEEE) (RCM)

(Windows 11) (Windows 10) (Windows 8) (Windows 7) (Windows Server 2022) (Windows Server 2019) (Windows Server 2016) (macOS Mojave) (macOS High Sierra)

(macOS Sierra) (Linux)

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

• TECH SPECS: 100Mbps 1x SC Female Duplex ASIX AX88772C 1x USB 2.0 Type A Multi-Mode Fiber 1310 nm 2 km/1.2 mi VLAN Bus-Powered Windows, Windows Server, MacOS, Linux LTS Kernel

• EASY-TO-USE USB to FIBER OPTIC CONVERTER: Use with USB-enabled computer, which is ideal for occasional access to a fiber LAN, or for laptop users without internal fiber network card

• COMPACT FORM FACTOR: Easily portable and can be easily carried in a standard laptop bag if needed; no power adapter means fewer cords to carry, and a quick and easy setup

• EASY TO DEPLOY: Integrated SC MM fiber connection makes deployment easy and predictable; fewer parts to damage or lose vs an open SFP solution

• STARTECH.COM ADVANTAGE: IT professionals choice for over 30 years; this fiber network adapter is backed for 2 years by StarTech.com, including free 24/5 North America based multi-lingual tech support

• CONNECTIVITY TOOLS: Provided with this device, the application improves performance and security, featuring MAC Address Changer & Wi-Fi Auto Switch utilities

Hardware

Warranty	2 Years

Ports	1	
Interface	Fiber Ethernet	
Bus Type	USB 2.0	
Industry Standards	IEEE802.3x 100BASE-FX	
	IEEE 802.1Q VLAN tagging	
Chipset ID	ASIX Electronics - AX88772C	

Performance

Maximum Data Transfer Rate	100 Mbps
Max Distance	2 km (1.2 mi)
Type	Multi Mode
Wavelength	1310nm
DDM	No
Compatible Networks	100 Mbps
Promiscuous Mode	Yes

Connector(s)

Connector Type(s)	1 - USB 2.0 Type-A (4 pin, 480Mbps)
	1 - Fiber Optic SC Female

Software

OS Compatibility	Windows 7, 8, 8.1, 10, 11
	Windows Server 2008, 2012, 2106, 2019, 2022
	Mac OS X 10.9 to 10.14
	Linux kernel 3.5 and up - LTS Versions only

Indicators

LED Indicators	1 - Power
	1 - Link/Activity

Power

Power Source	USB-Powered	
Input Voltage	5V DC	
Output Voltage	5 DC	

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 [195 mm]	
Product Length	6.7 in [17 cm]	
Product Width	5.5 in [14 cm]	
Product Height	0.8 in [2 cm]	
Weight of Product	3.8 oz [108 g]	

Packaging Information

Package Quantity	1	
Package Length	6.7 in [17.0 cm]	
Package Width	5.6 in [14.2 cm]	
Package Height	1.2 in [3.1 cm]	
Shipping (Package) Weight	3.6 oz [102.0 g]	

What's in the Box

Included in Package	1 - network adapter	
	1 - quick-start guide	

Warranty Information

Warranty	2 Years

Product appearance and specifications are subject to change without notice.