



USB 2.0 to 100Base-FX Ethernet Adapter



SFP Not included

Use the Scorpion-USB to create an EMI-secure data connection over fiber between a USB port on a PC or laptop and a 100Mbps Ethernet port on a switch. Used in applications where wireless transmission is not the preferred technology, this device allows the PC to connect to a fiber-based Ethernet

network through its USB 2.0 interface, facilitating the sharing of files over the network, quickly, reliably and securely. Designed specifically for laptop, notebook, and tablet PCs, running today's most popular operating systems, and deployed in fiber-rich networking environments. Just plug the adapter into the USB port, install the driver, and the connection is ready.

Features

- USB to Ethernet adapter over optical fiber 100Base-FX Full Duplex Bus powered device, no external power supply needed
- Advanced power saving mode to preserve PC battery life
- Multimode SC, LC, or industry standard
- SFP fiber port
- LEDs to indicate USB Speed / Activity and fiber Link / Activity
- Plastic ABS enclosure with a 6 inch pigtail to USB type-A connector
- WHQL-certified drivers for Windows 7, 8, and 8.1 (both 32-bit and 64-bit), as well as numerous other operating systems

Specifications

Standards	IEEE802.3-2008, USB 2.0	
Data Rates	USB 2.0: 480Mbps (USB type-A connector) Fiber: 100Mbps	
Fiber Port	100Base-FX SC, LC, or SFP	
Max. Frame Size	1635 bytes	
Status LEDs	USB: Link / Activity Yellow: ON – High Speed, OFF – Low Speed, BLINK – Activity Fiber: Link / Activity Green: ON – Link, BLINK – Activity	
Dimensions	9.2 x 2.2 x 0.8 inches (LxWxH)	
LAN Drivers	Windows 7, 8, and 8.1 (both 32-bit and 64-bit) and others	
Power Source	USB Bus	
Power Consumption	SC: Typical 1.12W LC: Typical 0.9W	
Environmental	Operating Temp:	0 to 50 C
	Storage Temp:	-20 to +80 C
	Humidity:	5% to 95% (non-condensing)
	Altitude:	0 to 10,000 feet (with de-rating)
Shipping Weight	1lbs	
Compliance	EN55022 Class B EN55022 FCC Class B, CE Mark	
Warranty	Lifetime	

Ordering Information

TN-USB-FX-01(SC)

USB 2.0 to Ethernet 100Base-FX MM SC 2km Link Budget: 11.0dB

TN-USB-FX-01(LC)

USB 2.0 to Ethernet 100Base-FX MM LC 2km Link Budget: 11.0dB

TN-USB-FX-01(SFP)

USB 2.0 to Ethernet 100Base-FX Open SFP Slot

Optional Accessories (Sold Separately)

TN-SFP-OC3M

100Mbps SFP MM LC 1310nm 2km

TN-SFP-OC3S

100Mbps SFP SM LC 1310nm 20km

TN-SFP-OC3S3

100Mbps SFP SM LC 1310nm 30km

TN-SFP-OC3S5

100Mbps SFP SM LC 1310nm 50km

TN-SFP-OC3S8

100Mbps SFP SM LC 1550nm 80km

TN-SFP-OC3S10

100Mbps SFP SM LC 1550nm 100km

TN-SFP-OC3S12

100Mbps SFP SM LC 1550nm 120km

TN-SFP-OC3S20

100Mbps SFP SM LC 1550nm 200km

Application

