

AT-2814FX

NETWORK INTERFACE CARD



The Allied Telesis AT-2814FX (100FX/SC 34 mm fiber ExpressCard/34) Network Interface Card is an ideal fit for fiber-to-the-laptop networks that depend on secure and reliable systems.

The single-piece, integrated design of the AT-2814FX endures frequent use with no damage to the fiber connectors, making it a solid solution for military and government.

Mobile Connectivity through Fiber

The Allied Telesis AT-2814FX ExpressCard/34 module is designed to provide notebook computers with network connections through a

high-speed fiber optic link via a 34 mm ExpressCard interface. The AT-2814FX module features an SC fiber connection supporting the Linux, Microsoft Windows 7, XP and Vista operating systems and is compliant with industry standards.

Hassle-Free Support

All Allied Telesis Network Interface Cards offer technical support, ensuring trouble-free installation.

Key Features

- » Advanced centralized power management
- » Secure data transmission
- » IPv4 and IPv6 Large Send Offload and Checksum Offload (LSO/TCO)
- » Will work in 34 or 54 mm* ExpressCard slots
- » Supports Multi-mode 50 / 62.5 / 125u cable

* With the addition of the included stabilizer bracket.

Specifications

Status Indicators

System LED: Link/Activity

Interface Standards

IEEE 802.3u Fast Ethernet
IEEE 802.3x Full-duplex
ExpressCard/34

Physical

Dimensions (W x H) 13.7 cm x 3.4 cm (5.4 in x 1.3 in)
Weight 0.02 kg (0.05 lb)

Power Requirements

Power Consumption 2.5W @ 3.3V

Environmental

Operating Temperature 0°C to 40°C (32°F to 104°F)
Storage Temperature -25°C to 70°C (-13°F to 158°F)
Relative Humidity 5% to 95%, non-condensing
Altitude Up to 3,048 m (10,000 ft)
Predicted MTBF 3,210,000 hr (Telcordia SR332)

Optical Characteristics

Connector type	SC		
Output power (dBm)	Min.	Max.	Wavelength
	-20	-14	1310 nm
Receive power (dBm)		-31	1310 nm

Data Security

AH transport for both IPv4 and IPv6 (AES-GMAC)
ESP transport for both IPv4 and IPv6 (AES-GMAC) (AES-GCM)

Standards

EMI part 15
FCC class B, EN55022 class A, VCCI class A, C-Tick, CE
Immunity EN55024
Safety UL60950-1 (cULUS)
EN60950-1 (TUV)
EN60825
Electrical interfaces UL60950-1 (cULUS)
EN60950-1 (TUV)
CAN/CSA C22.2 No. 60950-1

Supported Drivers

Linux 2.6
Windows 7
Windows XP
Windows Vista
Drivers available at alliedtelesis.com/support

Ordering Information

AT-2814FX-xxx

100Mbps, ExpressCard/34 with SC connector

Where xxx = 001 for single pack
901 for single pack, compliant with
Trade Agreements Act