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

Allied Telesis™

the solution : the network

Americas Headquarters | 19800 North Creek Parkway | Suite 100 | Bothell | WA 98011 | USA | T: +1 800 424 4284 | F: +1 425 481 3895
Asia-Pacific Headquarters | 11 Tai Seng Link | Singapore | 534182 | T: +65 6383 3832 | F: +65 6383 3830
EMEA Headquarters | Via Motta 24 | 6830 Chiasso | Switzerland | T: +41 91 69769.00 | F: +41 91 69769.11

alliedtelesis.com