Allied Telesis™

# AT-2750FX
## Fast Ethernet Secure Fiber Interface Card

### AT-2750FX/xx

100FX 32-bit, PCI 2.2 compliant secure fiber interface card

### Secure Fiber Network Interface Card

The AT-2750FX secure interface card hardens at-risk systems without impacting performance. It features an embedded security processor to offload encryption, authentication, and other cycle-intensive tasks from the host CPU—resulting in optimal system and application response. The types of encryption supported are DES, 3DES, FIPS capable (not certified) and AES (upon Vista release - pending).

### Encryption

**DES:** The Data Encryption Standard (DES) is a 56-bit key method for encrypting information selected as an official Federal Information Processing Standard (FIPS) for the United States in 1976.

**3DES:** The Triple Data Encryption Standard (3DES) is the successor of DES, and uses a 168-bit sized key. 3DES is very secure.

**AES:** Advanced Encryption Standard (AES) is a block cipher adopted as an encryption standard by the US government. It has been analyzed extensively and is now used widely worldwide. AES was announced by the National Institute of Standards and Technology (NIST) as US FIPS PUB 197 (FIPS 197) and became a standard in May 26, 2002.

**FIPS:** The Federal Information Processing Standard 140 (FIPS) are a series of US government computer security standards that specify requirements for cryptography modules.

### Key Features

#### Advance Properties

• Secured transmission

• PCI 2.2 capable

• Low profile and standard height brackets included

• RoHS compliant

• 3DES

• AES

• IPv6

• Compliant with Trade Agreement Act

Allied Telesis

www.alliedtelesis.com

# AT-2750FX | Fast Ethernet Secure Fiber Interface Card

## Specifications

### Bus Type
PCI 2.2

### Ethernet Standards
IEEE 802.2        LLC
IEEE 802.3ac      MAC
IEEE 802.3u       Fast Ethernet

### Drivers
Supported
Windows XP

### Compliance
UL
FCC/EN55022 Class B
TUV
EN55024
CE

### Environmental Specifications
Operating temperature    0°C to 50°C
Storage temperature      -25°C to 70°C
Relative humidity        5% to 90% non-condensing

## Power
Power consumption    4.8 Watts (max)
Signaling voltage    3.3/5V

## Status Indicators
LED                            1 port

Link/ACT     On        Link activity
             Blink     Activity

FDX          On        Full-duplex mode
             Off       Half-duplex mode

## Physical Characteristics
Dimensions       16.8cm x 6.9cm
(W x H)          (6.7") x (2.7")

Weight           0.34lb (0.15kg)

Ships with standard bracket attached to interface card.
Low-profile bracket is included in packaging.

## Connectors/Interface
SC
ST
Optical receive sensitivity (max)        -31dBm
Transmit optical power (min/max)         -19/-14dBm

## Ordering Information

AT-2750FX/xx
100FX 32-bit, PCI 2.2 compliant secure fiber interface card

Where xx = ST, SC

Ships with standard bracket attached to interface card. Low-profile bracket is included in packaging.

Connecting The (IP) World

Allied Telesis

Free Manuals Download Website

[http://myh66.com](http://myh66.com)

[http://usermanuals.us](http://usermanuals.us)

[http://www.somanuals.com](http://www.somanuals.com)

[http://www.4manuals.cc](http://www.4manuals.cc)

[http://www.manual-lib.com](http://www.manual-lib.com)

[http://www.404manual.com](http://www.404manual.com)

[http://www.luxmanual.com](http://www.luxmanual.com)

[http://aubethermostatmanual.com](http://aubethermostatmanual.com)

Golf course search by state

[http://golfingnear.com](http://golfingnear.com)

Email search by domain

[http://emailbydomain.com](http://emailbydomain.com)

Auto manuals search

[http://auto.somanuals.com](http://auto.somanuals.com)

TV manuals search

[http://tv.somanuals.com](http://tv.somanuals.com)