

# Network Interface Cards

## PRODUCT INFORMATION



# AT-270IFXa

## PCI 32-BIT FAST ETHERNET FIBER NETWORK INTERFACE CARD

The Allied Telesis AT-270IFXa 100Mbps Network Interface Card features a small footprint and a low-profile option, making it a perfect choice for PCs equipped with small desktop solutions.



### The Solution for Protection

Resistant to signal degradation, snooping and interference, the AT-270IFXa is the ideal solution for networks requiring protection from electrical interference and hackers.

### Manageability and Flexibility

The AT-270IFXa features a full line of card assistant software. With a choice of connectors — ST or SC — the AT270IFXa meets the requirements of most fiber installations.

## Key Features

### Management Software

- » VLAN support

### Advanced Properties

- » PCI 2.2 compliant
- » Wake-on-LAN (WoL) supported (enabled by default, utility to disable available in firmware)
- » Secured transmissions

- » Advanced diagnostics

- » Remote boot (PXE 2.1)

- » Driver support for popular operating systems

- » Available with SC or ST fiber connections

- » Compliant with the Trade Agreement Act

- » Microsoft-certified drivers

- » RoHS compliant

- » Low-profile and standard height brackets included

- » IPv6

- » Can also be used in PCI-x bus

## Specifications

### Management Features

Windows Management Instrumentation (WMI)  
ACPI 2.0/w01  
PXE 2.1 Boot ROM

### Bus Type

PCI 2.2

### Network Type

100FX

### Network Controller

Realtek 8139

### Ethernet

IEEE 802.1Q	VLANs
IEEE 802.2	LLC
IEEE 802.3ac	MAC
IEEE 802.3u	Fast Ethernet

### Drivers

Windows 7, 64-bit  
Windows 7, 32-bit  
Windows XP, 32-bit  
Linux 2.6



### Interface Type and Connectors

SC Connector

ST Connector

Optical receive sensitivity (max) -31 dBm

Transmit optical power (min/max) -19 / -14 dBm

### Status Indicators

100	On	100Mbps link up
	Blink	Activity
	Off	100Mbps link down

### Power

Typical power consumption 2.5 Watts at 3.3V

Signaling voltage 3.3 / 5V

### Environmental Specifications

Operating temperature 0°C to 40°C (32°F to 104°F)

Relative humidity 5% to 90% (non-condensing)

Storage temperature -25°C to 70°C (-13°F to 158°F)

### Physical Characteristics

Dimensions (W x H) 12.5 cm x 6.4 cm (4.9 in x 2.5 in)

Ships with low-profile bracket attached to interface card.  
Standard bracket included in packaging.

### Compliance

RoHS

UL

FCC/EN55022 Class A

TUV

EN55024

CE

C-TICK

VCCI

## Ordering Information

AT-270IFXa/aa-xxx

100Mbps Fast Ethernet dual fiber  
network interface card

Where aa = SC or ST connector

Where xxx = 001 for single pack  
901 for single pack, Federal and Government

Ships with low-profile bracket attached to interface card.  
Standard bracket is included in packaging.



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617-000429 Rev. A