Allied Telesis™

AT-2872SX*

Gigabit Fiber ExpressCard™ Network Interface Card

AT-2872SX

1000Mbps, 34mm, ExpressCard with
SC connector

Overview

The AT-2872SX (1000SX with SC 34mm Fiber
ExpressCard) 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-2872SX
endures frequent use with no damage to the
fiber connectors, making it a solid solution for
military and government.

Mobile Connectivity Through Fiber

Allied Telesis' AT-2872SX ExpressCard is
designed to provide notebook computers with
network connections through a high-speed
fiber-optic link via a 34mm ExpressCard
interface. The AT-2872SX card features an SC
fiber connection, supports the Microsoft
XP, Vista and Windows 7 operating systems,
and is compliant with industry standards.

Comprehensive Software Support

Allied Telesis' AT-2872SX interface cards
feature software to assist users with network
setup and configurations. An offline user
diagnostics program provides system
administrators and engineers with a valuable
tool to analyze the interface card and check
data.

Hassle Free Support

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

Key Features

Management Software
• VLAN support

Advance Properties
• Jumbo frames

• Checksum offloading

• Secure transmissions

• Windows Vista / Windows 7

• IEEE 802.1x flow control

• IEEE 802.1p-based traffic prioritization

• PXE remote boot support

• Microsoft certified drivers

• RoHS compliant

• CPU task offload

• TCP segmentation

• SNMP

New product - anticipated release Q1, 2010

AT-2872SX | Gigabit Fiber ExpressCard Network Interface Card

Technical Specifications

Status Indicators

System LEDs
1 LED indicating link/activity

Interface Standards

IEEE 802.3az   Gigabit Ethernet
IEEE 802.3x   Full-duplex
ExpressCard/34

Physical Characteristics

Dimensions   13.7cm x 3.4cm
(W x H)   (5.4in x 1.3in)

Power

Power consumption   3.3Watts

Environmental Specifications

Maximum operating   0°C to 40°C
 temperature   (32°F to 104°F)

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

Relative humidity
 operating and storage 5% to 95% non-condensing

Operating and storage
 altitude   Up to 3,048 meters (10,000ft)

Optical Characteristics

Connector type   SC

Standards

EMI part 15
FCC class A, EN55022 class A, VCCI class A, C-Tick, CE
ExpressCard compliant

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

Drivers

Supported
Windows XP
Windows Vista
Windows 7
Linux

Ordering Information

AT-2872SX/SC-xxx
1000Mbps, ExpressCard/34 with SC connector

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

Connecting The (IP) World

Allied Telesis