Network Interface Cards

PRODUCT INFORMATION

Allied Telesis™

AT-2874SX

NETWORK INTERFACE CARD

The Allied Telesis AT-2874SX Gigabit fiber ExpressCard/34 Network Interface Card (NIC) 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-2874SX endures frequent use with no damage to the fiber connectors, making it a solid solution for military and government applications.

Mobile Connectivity Through Fiber

The Allied Telesis AT-2874SX ExpressCard/34 NIC is designed to provide notebook computers with network connections through a high speed fiber optic link via a 34 mm ExpressCard interface. An optional tab is supplied to support ExpressCard 54 mm slots. The AT-2874SX features

an SC fiber connection supporting the Linux, Microsoft Windows 7, XP, Vista and Windows 8 operating systems and is compliant with industry standards.

Comprehensive Software Support

AT-2874SX Network Interface Cards feature software to assist users with network setup and configuration. An offline user diagnostics program provides system administrators and engineers with a valuable tool to analyze the NIC and check data.

Key Features

» VLAN support
» Jumbo frames
» Checksum offloading
» Secure transmissions
» IEEE 802.3x flow control
» IEEE 802.1p-based traffic prioritization
» PXE remote boot support
» Microsoft-certified drivers
» RoHS compliant
» CPU task offload
» TCP segmentation
» Hot insertion and removal support

Hassle-Free Support

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

Specifications

Status Indicators
System LED: Link/Activity

Interface Standards
IEEE 802.3az	Gigabit 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)

Power Requirements
Power consumption   3.3W

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 90%, non-condensing
Altitude	Up to 3,048 m (10,000 ft)

Optical Characteristics
Connector type   SC

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
Windows 7
Windows XP
Windows Vista
Windows 8
Drivers available at alliedtelesis.com/support

Ordering Information

AT-2874SX/SC-xxx
Gigabit 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 & CSA Operations | Incheonweg 7 | 1437 EK Rozenburg | The Netherlands | T: +31 20 7950020 | F: +31 20 7950021

alliedtelesis.com