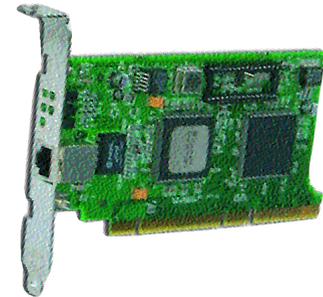


PC Connectivity

EZ Card™ 1000

10/100/1000 Mbps Gigabit Ethernet PCI Adapter

Model Number: SMC9462TX



The TigerCard 1000 is a 32/64-bit 10/100/1000 Mbps Copper Gigabit Ethernet PCI adapter that provides unsurpassed scalability in speed, bandwidth, and quality. It is perfectly suited for server farms, backbones, and high-powered workstations where higher bandwidth is essential. This adapter delivers up to 2000 Mbps of dedicated bandwidth, with special features to maximize throughput and minimize CPU utilization.

The new TigerCard 1000 provides a range of advanced features. These include: Packet Propulsion, Intelligent Interrupt Management, and Jumbo Frame Support to maximize throughput while minimizing CPU utilization; Quality of Service and VLAN support to ensure prioritization for critical data; and a convenient Windows NT configuration and diagnostic utility to simplify and speed up installation.

Providing speeds 10 times faster than Fast Ethernet and 100 times faster than Ethernet, the new adapter operates in 32-bit or 64-bit PCI modes with full-duplex support. This high-speed solution eliminates bottlenecks and integrates easily into your existing network infrastructure.

Overview

Features

- Provides 2 Gbps of network bandwidth
- Operates in 32- or 64-bit mode
- Auto-Negotiation, full-duplex, and flow control support
- Diagnostic LEDs provide port status and monitor network activity
- Intelligent Interrupt Management and TCP/IP Checksum off-loading minimize CPU utilization
- Independent transmit and receive buffers ensure smooth data transfer
- Remote Boot ROM support

Benefits

- High-speed 32-bit or 64-bit full-duplex performance for the desktop
- 2 Gbps of dedicated bandwidth
- Independent transmit and receive buffers for smooth data transfer
- Boot ROM socket for diskless PCI systems
- At-a-glance LEDs monitor port status and network activity

Compatibility

- IEEE 802.3ab
- IEEE 802.3u
- IEEE 802.3x
- IEEE 802.1d
- IEEE 802.1q
- IEEE 802.1p
- IEEE 802.3 LME
- PCI v2.2
- RFC 1213 (MIB II)
- RFC 1398 (Ether-like MIB)

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PC Connectivity

SPECIFICATIONS

SMC9462TX

Network Interface

10Base-T, 100Base-TX and 1000Base-T
with RJ-45 connector

Bus Interface

PCI, 33/66MHz, 32/64-bits

Interrupt

INTA

Cabling

Cat. 5 UTP cable

Configuration

Jumbo Frame support

Operating Systems

Windows 98/Me/NT/2000
Novell Netware 3.x, 4.x, and 5.0
Linux

Dimension (without bracket)

3.125 x 6.5 in

Weight

0.22 lbs

Operating Voltage

+ 5 VDC @ 2.7A, 10 Watts (maximum)

LED Indicators

Activity
Link
1000
100
10

Temperature

Operating: 32° - 131° F
Storage: -4° - 158° F

Humidity

10% - 90% Non-condensing

Standards

IEEE 802.3ab
IEEE 802.3u
IEEE 802.3x
IEEE 802.1d
IEEE 802.1q
IEEE 802.1p
IEEE 802.3 LME
PCI v2.2
RFC 1213 (MIB II)
RFC 1398 (Ether-like MIB)

Compliances

CE Mark
FCC Class B
VCCI Class B
Industry Canada Class B
EN55022 (CISPR 22) Class B

Safety

UL 1950
CSA 22.2 No950
EN60950 (TUV)

Warranty

Limited lifetime

Product

Description

SMC9462TX

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