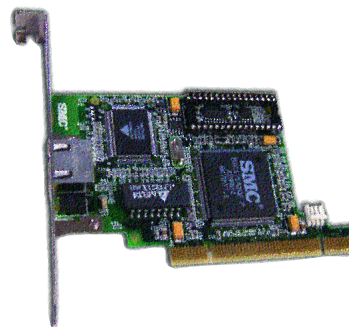


EtherPower II™ 10/100

10/100 Mbps Fast Ethernet PCI Adapter

Model Number: SMC9432 Series


These 32-bit 10/100 Mbps PCI Fast Ethernet adapters are specifically for use in corporate workstations and file servers that require higher performance and faster file transfer rates. They include support for SNMP management, auto-negotiation, and Wake-On LAN, which enables administrators to manage their systems from remote locations. These adapters have become the industry standard for performance, reliability, and ease of installation.

Each card has a 100Base-TX port that auto-negotiates connection to a 10 Mbps or 100 Mbps network, and auto-configures for half- or full-duplex mode, which effectively doubles the available bandwidth. Five models of the EtherPower II 10/100 cards are avail-

able to handle multiple media interfaces. All support Wake-On LAN.

- SMC9432TX** – 1-port, RJ-45 connector for 10/100 Mbps operation
- SMC9432BTX** – 2-port combo, 10 Mbps BNC connector and RJ-45 connector
- SMC9432FTX-SC** – 2-port combo, SC fiber connection and RJ-45 connector
- SMC9432FTX-ST** – 2-port combo, ST fiber connection and RJ-45 connector
- SMC9432VFL** – 1-port, VF-45 connector

Overview

Features

- Full-duplex operation at both line speeds doubles available bandwidth
- 32-bit bus-master operation
- SimulTasking and Programmable InterPacket Gap for maximum throughput
- Transmit Chaining and Preemptive Interrupt for lowest CPU utilization
- Multiple Media Interfaces
- Auto-negotiating ports
- LEDs monitor network activity

Benefits

- NetWare client installation in under 30 seconds
- Remote LAN wakeup
- Built-in software for instant self-configuration
- Plug-and-play for easy installation

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)

EtherPower II™ 10/100

10/100 Mbps Fast Ethernet PCI Adapter

PC Connectivity

SPECIFICATIONS

SMC9432 Series

Connectors

SMC9432TX

1 RJ-45 for 10/100 Mbps

3-pin Wake-on-LAN cable connector

SMC9432BTX

1 RJ-45 for 10/100 Mbps

BNC for 10Base2

3-pin Wake-on-LAN cable connector

SMC9432FTX-SC

SMC9432FTX-ST

1 RJ-45 for 10/100 Mbps

SC for 100Base-FX

3-pin Wake-on-LAN cable connector

SMC9432VFS/VFL

1 VF-45 for 100 Mbps fiber

3-pin Wake-on-LAN cable connector

Network Interface

10Base-2:thin coax cable

BNC (RG-58A/U or RG-58C/U)

10Base-T; UTP cable, 2 pairs

RJ-45 (Categories 3,4,5)

100Base-TX;UTP cable, 2 pairs

RJ-45 (Category 5)

100Base-FX;multimode fiber cable

SC (62.5/125 or 50/125 micron core)

Dimension (without bracket)

SMC9432TX

2.12 x 4.75 in

SMC9432BTX,FTX,and VFS/VFL

3.60 x 4.75 in

Weight

SMC9432TX

1.8 oz

SMC9432BTX,FTX,and VFS/VFL

2.52 oz

Interrupt Channel

INTA

Bus Interface

32-bit bus-master, PCI

Operating Voltage

SMC9432TX and BTX

+5 VDC @ 400 mA (typical),500 mA (max.)

SMC9432FTX and VFL

RJ-45:+5 VDC @ 350 mA (typical),500 mA (max.)

Fiber: +5 VDC @ 700 mA (typical),1000 mA (max.)

Temperature

Operating:32° - 131° F

Storage:-4° - 158° F

Humidity

Operating:10% to 90%

Storage:5% to 95%

Standards

IEEE 802.3 Ethernet

IEEE 802.3u Fast Ethernet

ISO/IEC 8802-3 Ethernet

PCI v2.1

Compliances

CE Mark

Emissions

FCC Class B

VCCI Class B

Industry Canada Class B

EN55022 (CISPR 22) Class B

C-Tick - AS/NZS 3548 (1995) Class B

Warranty

Limited lifetime

Product	Description
SMC9432TX	10/100 Mbps Fast Ethernet PCI Adapter with RJ-45 connector
SMC9432BTX	10/100 Mbps Fast Ethernet PCI Adapter with RJ-45 and BNC connectors
SMC9432FTX-SC	10/100 Mbps Fast Ethernet PCI Adapter with RJ-45 and SC connectors
SMC9432FTX-ST	10/100 Mbps Fast Ethernet PCI Adapter with RJ-45 and ST connectors
SMC9432VFL	10/100 Mbps Fast Ethernet PCI Adapter with RJ-45 and VF-45 connectors