



EtherPower II 10/100 PCI Fast Ethernet Cards - SMC9432 Series

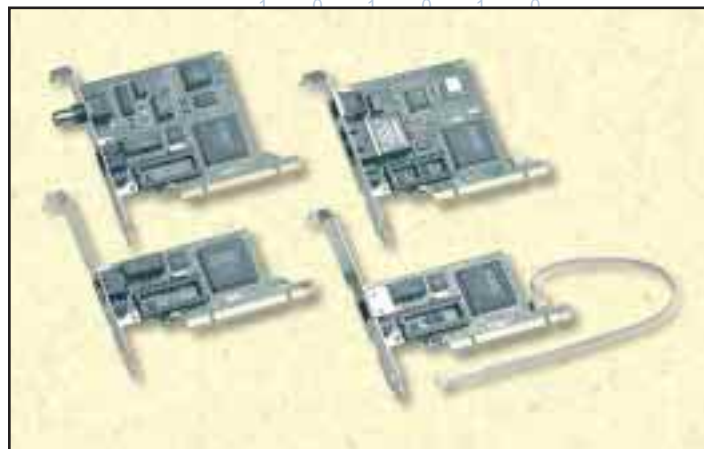
Fast Ethernet Cards for Tomorrow's Network Efficiencies

The EtherPower II 10/100 is an autosensing adapter that's designed to support today's popular Ethernet-based applications as well as tomorrow's next generation power applications.

Its powerful suite of performance enhancing features include:

- Compatibility with Ethernet, Fast Ethernet, and Fiber media for added versatility and future-proof networking
- Simultasking and Programmable InterPacket Gap for maximum throughput
- 10Base-T/100Base-T auto-negotiation for optimum line speed and operating mode.

To ensure network reliability, the EtherPower II 10/100 provides a free SNMP agent for complete network management. And two of the five cards are available with LAN wakeup. A feature that allows you to power up EtherPower II networked devices, remotely from a network management system. Install software, perform backups, and shutdown computers without leaving your network management PC.



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1	0	1	0	1	0
1	0	1	0	1	1
0	1	0	1	0	
1	0	1	1		
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Features

Benefits

Industry-Leading Performance – SMC's Intelligent PowerProcessing

- SMC SimulTasking™ and Programmable InterPacket Gap for maximum throughput
- Transmit Chaining and Preemptive Interrupt for lowest CPU utilization
- Full-duplex operation at both line speeds doubles the available network bandwidth
- 32-bit bus-master operation

Easy to Install and Use

- Remote LAN Wakeup (TX/MP and FTX models only)
- Auto-Negotiation for automatic selection of fastest speed and operating mode
- NetWare client installation in less than 30 seconds
- EZStart™ driver installation and diagnostic utility
- Windows-friendly SuperDisk™ for hassle-free configuration in Windows 95 and NT environments
- Diagnostic LEDs indicate operating mode (half/full duplex), link integrity, and data rate
- On-board socket for optional Flash ROM with DHCP and LSA support

Versatile

- Free SNMP agent
- Single RJ-45 connector for operation at both 10 Mbps and 100 Mbps
- SC or ST connectors for operation at 100 Mbps over fiber cable (FTX models only)
- BNC connector for operation at 10 Mbps over thin coax cable (BTX model only)

Reliable

- Customer Satisfaction Guarantee
- Limited lifetime warranty
- Free pre- and post-purchase technical support
- FCC Class B certified



**View
Technical
Specifications**



Designed for

Microsoft®
Windows NT®
Windows 95

Specifications

EtherPower II 10/100 SMC9432 Series

SMC9432TX and SMC9432TX/MP

Connector

Single RJ-45 for 10/100 Mbps

SMC9432FTX-SC

Connectors

Single RJ-45 for 10/100 Mbps
SC for 100BASE-FX

SMC9432FTX-ST

Connectors

Single RJ-45 for 10/100 Mbps
ST for 100BASE-FX

SMC9432BTX

Connectors

Single RJ-45 for 10/100 Mbps
BNC for 10BASE2

All Models

Network Card Type

9432TX

Network Interface

100BASE-TX; UTP cable, 2 pairs
RJ-45 (EIA/TIA Category 5)
100BASE-FX; Fiber cable
62.4/125 Micron Core
10BASE-T; UTP cable, 2 pairs
RJ-45 (EIA/TIA Categories 3, 4, 5)
10BASE2; thin coax cable
BNC (RG-58A/U or RG-58C/U)

Weight

1.8 oz. (50 gm)

Size (without bracket)

2.125 in. x 4.750 in. (5.4 cm x 12.0 cm)

Diagnostic LEDs

Network Activity
Link Integrity
Data Rate (10/100 Mbps)
Full/Half Duplex

Bus Interface

32-bit bus master, PCI

Interrupt Channel

INTA

Temperature

Operating 32° to 131° F (0° to 55° C)
Storage -4° to 158° F (-20° to 70° C)

Humidity

Operating 10% to 90%
Storage 5% to 95%

Operating Voltage

+5 VDC \pm 5% @ 400 mA (typical),
500 mA (maximum)

Standards

IEEE 802.3 Ethernet
IEEE 802.3u Fast Ethernet
ISO/IEC 8802-3 Ethernet
PCI v2.1
DMI 2.0
PC '97

Desktop Management

SMC's PC Agent/SNMP for management from any
SNMP-based Manager*

Mean Time Between Failures (MTBF)

Over 250 years

Compliances

CE marking
Safety
UL 1950
EN60950 (TÜV)
CSA 22.2 No. 950 (UL)
Emissions
FCC Class B
Industry Canada Class B
EN55022 (CISPR 22) Class B
VCCI Class 2

Warranty

Limited lifetime

* Driver can be downloaded from SMC's website.



Product*	Order Number	Description
EtherPower II 10/100	SMC9432TX	10BASE-T/100BASE-TX card (RJ-45), single-pack
	SMC9432TX/MP	10BASE-T/100BASE-TX card (RJ-45) with Remote LAN Wakeup, single-pack
Network Cards*	SMC9432FTX-SC	Combo card (RJ-45 and 100BASE-FX) with SC connectors and Remote LAN Wakeup, single-pack
	SMC9432FTX-ST	Combo card (RJ-45 and 100BASE-FX) with ST connectors and Remote LAN Wakeup, single-pack
	SMC9432BTX	Combo card (RJ-45 and BNC), single-pack

*The 9432TX model is also available in packs of 5, 20 and 50. The 9432TX/MP and 9432BTX are available in packs of 50.

SMC[®]
Networks

6 Hughes
Irvine, CA 92618
949.707.2400
949.707.2460 fax
1-800-SMC-4-YOU
www.smc.com