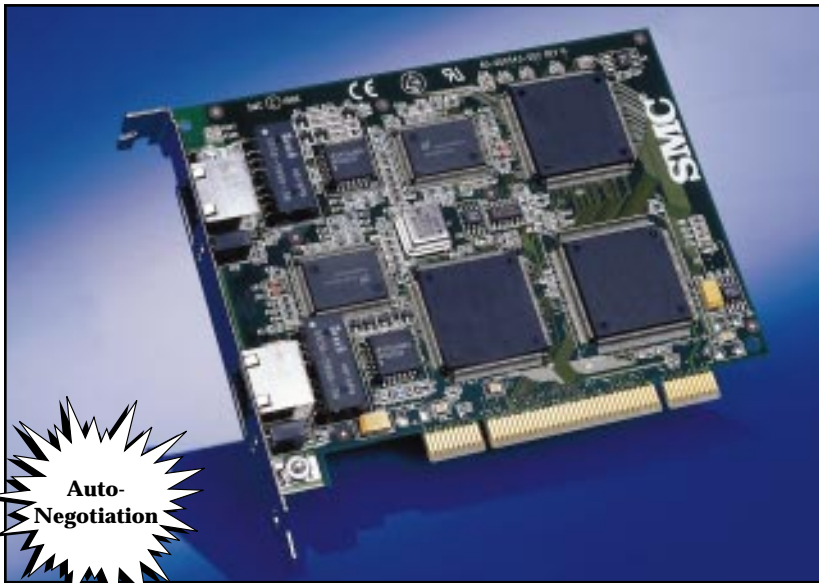




EtherPower 10/100

Fast Ethernet Dual-Channel
PCI Network Card
10BASE-T/100BASE-TX



Two Cards in One for PCI Servers

SMC's dual-channel EtherPower™ 10/100 PCI network card combines the functionality of *two* separate Fast Ethernet cards, each capable of dual-speed operation in half- or full-duplex mode, with superior performance and exceptional ease of installation.

The card occupies only *one* slot in a PCI server, yet it provides *two* independent channels, each supporting its own collision domain. This enables you to segment your network and double its bandwidth while saving a slot in your server. And, the price is typically lower than that of two single-channel PCI cards.

Each channel can operate independently at either 10 or 100 Mbps, so it's easy to future-proof your network. You can connect both channels to a 10BASE-T hub or switch today. When you need to migrate to Fast Ethernet for additional bandwidth, switch one channel to a 100BASE-TX device. Or, use both channels at the faster data rate to create two Fast Ethernet segments.

This 32-bit card supports the Auto-Negotiation standard, so each channel is automatically configured to run at the highest possible operating mode (10/100 Mbps, half/full duplex). And, it incorporates SimulTasking™ technology, SMC's unique pipelined data transfer technique, with bus-master design and very low CPU utilization for enhanced performance and improved network efficiency.

The EtherPower 10/100 card comes with a full complement of drivers for all popular network operating systems, a lifetime warranty and the industry's best, free Technical Support. For little more than the price of our 10 Mbps dual-channel PCI card, the dual-channel EtherPower 10/100 gives you *ten times the performance!*

Features/Benefits

Outstanding Performance

- ◆ Dual-channel operation doubles network bandwidth in a single PCI slot
- ◆ SMC's unique SimulTasking pipelined data transfer technique for top performance at both 10 Mbps and 100 Mbps
- ◆ Low CPU utilization
- ◆ Full-duplex operation at both data rates
- ◆ 32-bit PCI bus-master operation

High Bandwidth

- ◆ 100 Mbps operation delivers improved application response time

Easy to Install and Use

- ◆ Auto-Negotiation for automatic selection of data rate and half-/full-duplex modes
- ◆ EZStart™ utility simplifies driver installation and troubleshooting
- ◆ Diagnostic LEDs indicate network and card status, data rate and half-/full-duplex modes

Compatible

- ◆ IEEE 802.3, 802.3u and ISO/IEC 8802-3 standards
- ◆ 32-bit PCI bus, v2.1
- ◆ PCI-to-PCI Bridge Specification, v1.0

Versatile

- ◆ Dual channels save one expansion slot
- ◆ 10BASE-T or 100BASE-TX operation through a single RJ-45 connector on each channel

Reliable

- ◆ Lifetime warranty
- ◆ FCC Class B certified
- ◆ CE marking

Support for Popular Network Operating Systems

- ◆ Novell NetWare: 3.x/4.x Server, DOS, OS/2, Windows 95 and Windows NT Client
- ◆ Microsoft: Windows for Workgroups, Windows 95, Windows NT, LAN Manager
- ◆ Banyan VINES
- ◆ IBM LAN Server
- ◆ Artisoft LANtastic
- ◆ MacOS System 7 (PowerMAC)
- ◆ NDIS: DOS and OS/2
- ◆ SCO UNIX
- ◆ Plus many other drivers available on SMC's Bulletin Board

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<http://www.smc.com/>

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STANDARD
MICROSYSTEMS
CORPORATION

EtherPower 10/100

Fast Ethernet Dual-Channel PCI Network Card

10BASE-T/100BASE-TX

Specifications

Connectors

Single RJ-45 per channel

Network Interface

100BASE-TX

Data grade UTP cable, 2 wire pairs
EIA/TIA Category 5

10BASE-T

Voice grade UTP cable, 2 wire pairs
EIA/TIA Categories 3, 4, 5

Weight

3.9 oz. (110 gm)

Size (without bracket)

5.4 in. x 4.2 in. (13.7 cm x 10.7 cm)

Diagnostic LEDs

Network Activity, 1 per channel

Link Integrity, 1 per channel

Data Rate (10/100), 1 per channel

Full/Half Duplex, 1 per channel

Bus Interface

32-bit Bus Master, PCI

Interrupt Channels

INTA and INTB

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 ± 5% @ 1595 mA (typical),
2279 mA (maximum)

Standards

IEEE 802.3 Ethernet

IEEE 802.3u Fast Ethernet

ISO/IEC 8802-3 Ethernet

PCI v2.1 compatible

PCI-to-PCI Bridge Specification v1.0

Mean Time Between Failures

Over 250 years

Compliances

CE marking

Safety

UL 1950

EN60950 (TÜV)

CSA 22.2 No. 950 (UL)

Emissions

FCC Class B

CDOC Class B

EN55022 (CISPR 22) Class B

VCCI Class 2

Warranty

Lifetime

Product	Order Number	Description
EtherPower 10/100 Network Card	SMC9334BDT	Dual-Channel 10BASE-T/100BASE-TX, single-pack



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