

Network Adapter Cards

Connecting PCs and servers with high-performance network cards



As a major vendor of network adapter cards, SMC Networks has a reputation for offering a full range of value-for-money products. Whether yours is a complex, multi-platform, multi-operating system installation with high traffic volumes and management requirements or a small PC network at home - SMC has a network card to meet your needs.

SMC's network cards set new standards in Ethernet, Fast Ethernet and Gigabit Ethernet performance. Our high-speed interface cards are available with 16-bit, 32-bit or 64-bit bus performance utilising SMC's leading-edge ASIC technology to ensure high performance, reliability, and ease of installation. All adapters conform to IEEE standards. They feature Auto-Negotiation for automatic selection of the highest data rate and operating mode supported by the attached device as well as features such as wake-on-LAN and other more advanced management and performance features. All adapters ship with drivers for popular network operating systems. SMC continuously updates and upgrades its adapter card drivers to ensure optimum performance with the latest changes and upgrades to major network operating systems - latest drivers are available on www.smc-europe.com. All SMC network cards come with a limited lifetime warranty, defined as 5 Years from date of purchase for registered users.



All SMC Network adapter cards come with Tiny Personal Firewall Software

Gigabit Ethernet

TigerCard 1000

SMC9562SX
SMC9562TX
SMC9552TX

EZ Card 1000

SMC9462TX
SMC9452TX

Fast Ethernet

EtherPower II 10/100

SMC9432TX/MP
SMC9432BTX
SMC9432FTX-SC
SMC9432VFL

EZ Card 10/100

SMC1255TX
SMC1244TX
SMC1233TX

EZ Multifunction PC Card

SMC8034TX-56K

EZ PC Card 10/100

SMC8040TX

EZ CardBus 10/100

SMC8036TX

Managed Gigabit Ethernet Server and Desktop Adapters

TigerCard 1000

NEW Available Soon

SMC9562SX
SMC9562TX
SMC9552TX

Features

- 2Gbps Full-duplex network bandwidth
- 802.3x Full-duplex flow control
- 48 KB of internal packet buffer memory
- Intelligent Interrupt and IPV.4 checksum off-loading minimizes CPU time
- 9KB jumbo frame support boosts bulk data transfers
- WfM

Management

- SNMP agent
- 802.1q VLAN tagging support
- 802.1p layer 2 priority queuing support for 4 level priority
- Wake on LAN support to meet ACPI requirements

SNMP management

- Programmable interpacket gap capability
- JTAG support

LEDs

- SMC9562SX: Power, Active and 1000Mbps
- SMC9552TX/SMC9562TX: Activity, 10/100/1000Mbps

Bus

- SMC9562SX/SMC9562TX: PCI v2.2 32/64-bit 33/66-MHz
- SMC9552TX: PCI v2.2 32-bit 33/64-MHz

Connector

- SMC9562SX: 1000BASE-SX (SC) multimode fibre
- SMC9552TX/SMC9562TX: 10BASE-T/100BASE-TX/1000BASE-T (RJ-45)

Drivers/Software

- NDIS drivers for Microsoft Windows 95OSR2, 98, ME
- Windows NT 4.0, 2000, XP or above.
- NDIS2 support for Dos
- Novell Network Server 4.11, 5.0, 5.1 and 6.0
- Linux 2.2x, 2.4 or later
- SCO 5
- MAC OS

Installation Software

- Diagnostic Program
- Latest drivers available on www.smc-europe.com

Compatible

- IEEE 802.3ab, IEEE 802.3u, IEEE 802.3z, IEEE 802.x, IEEE 802.1q, IEEE 802.1p, RFC 1213 (MIB II), RFC 1398 (Ether-like MIB)

Size (without bracket)

- 7.9 x 16.5. cm

SMC9562TX



Product	Model No.	Description
TigerCard 1000	SMC9562SX	32/64-bit 1000Mbps adapter
	SMC9562TX	32/64-bit 10/100/1000Mbps adapter
	SMC9552TX	32-bit 10/100/1000Mbps adapter
	SC-ST converter	SC to ST-type media converter for 62.5/125 micron fibre cable

Gigabit Ethernet Server and Desktop Adapters

EZ Card 1000

SMC9462TX
SMC9452TX

Features

- 2Gbps Full-duplex network bandwidth
- Intelligent Interrupt and IPV.4 checksum off-loading minimizes CPU time
- 9KB jumbo frame support boosts bulk data transfers
- 802.3x Full-duplex flow control
- 48 KB of internal packet buffer memory

Management

- Wake on LAN support to meet ACPI requirements
- 802.1q VLAN tagging support
- 802.1p layer 2 priority queuing support for 4 level priority
- Remote Boot ROM support

LEDs

- Link, Activity, 10/100/1000

Bus

- SMC9462TX: PCI v2.2 32/64-bit 33/66-MHz
- SMC9452TX: PCI v2.2 32-bit 33/64-MHz

Connector

- 10BASE-T/100BASE-TX/1000BASE-T (RJ-45)

Drivers

- Windows 98, Me, NT, 2000
- Novell Netware 3.x, 4.x, and 5.0
- Linux
- Latest drivers available on www.smc-europe.com

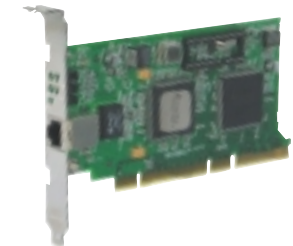
Compatible

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

Size (without bracket)

- 7.93 x 16.51 cm

SMC9462TX



Product	Model No.	Description
EZ Card 1000	SMC9462TX	32/64-bit 10/100/1000Mbps adapter
	SMC9452TX	32-bit 10/100/1000Mbps adapter

EtherPower II 10/100

SMC9432TX/MP
SMC9432BTX

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
- Plug-and-play for easy installation

LEDs

- Link, Activity, 10/100

Bus

- 32-bit PCI bus, v.2.1

Connector

- SMC9432TX/MP: 10BASE-T/100BASE-TX (RJ-45)
- SMC9432BTX: 10BASE-T/100BASE-TX (RJ-45) + 10BASE-2 (BNC)
- SMC9432FTX-SC: 100BASE-FX (SC) + 10BASE-T/100BASE-TX (RJ-45)
- SMC9432VFL: 100BASE-FX (VF-45)



SMC9432FTX-SC



SMC9432VFL



Product	Model No.	Description
EtherPower II 10/100	*SMC9432TX/MP	32-bit 10/100Mbps adapter
	*SMC9432BTX	32-bit 10/100Mbps combo adapter (RJ-45 +BNC)
	*SMC9432FTX-SC	32-bit 10/100Mbps combo adapter (Fibre (SC) + RJ-45)
	SMC9432VFL	32-bit 100Mbps fibre adapter (VF-45)
	SC-ST Converter	SC to ST-type media converter for 62.5/125 micron fibre cable
		*Available in 50-packs

SMC9432FTX-SC
SMC9432VFL

Drivers

- EZ Start driver installation and diagnostic utility
- NetWare client installation in under 30 seconds
- Windows 3.x, WFW 3.x, 9x, ME, NT, 2000
- Dos (NDIS2, ODI, Packet), OS/2
- Novell Netware 3.12, 4.x, 5.0
- Linux 2.035 or later
- Sco Unix 5.x or later
- Unixware 2 or 7
- MacOS 8.0 or later
- SUN Solaris V.8.x, Banyan Vines Client, IBM LAN Server
- Latest drivers available on www.smc-europe.com

Compatible

- IEEE802.3, IEEE 802.3u, PCI v2.1,
- ISO/IEC 8802-3

Size (without bracket)

- 5.4 x 12.0 cm

EZ Card 10/100

SMC1255TX
SMC1244TX
SMC1233TX

Features

- Full-Duplex for up to 200Mbps
- Auto-negotiation
- Diagnostic LEDs
- On-board socket of optional boot-ROM
- Wired for management 2.0 support
- Wake-on-LAN (not 1233TX)
- Flow-control
- Early receive and transmit interrupt

LEDs

- Link, Activity, 10/100

Bus

- 32-bit PCI, v.2.2

Connector

- 10Base-T/100BASE-TX (RJ-45)

Drivers

- Windows 9x, ME, NT, 2000, XP
- Dos (NDIS2, ODI, Packet)
- Novel Netware 3.12, 4.x, 5.x
- Linux, SCO Unix 5, Unixware 7
- MacOS 8.5, 9.0, 9.1
- Latest drivers available on www.smc-europe.com

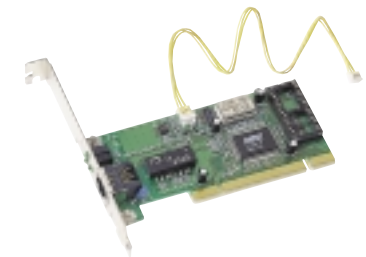
Compatible

- IEEE 802.3, IEEE 802.3u, IEEE802.3x, PCI bus V 2.2, ACPI

Size (without bracket)

- 11.9 x 4.3 cm

SMC1255TX



SMC1244TX



Product	Model No.	Description
EZ Card 10/100	*SMC1255TX	32-bit 10/100Mbps adapter (RJ-45) w/ bootrom socket and Wake-on-LAN
	*SMC1255TX/LP	1255TX model with low profile bracket
	*SMC1244TX	32-bit 10/100Mbps adapter (RJ-45) w/ bootrom socket
	SMC1233TX	32-bit 10/100Mbps adapter (RJ-45)
		*Available in 50-packs

Fast Ethernet Portable Adapters

EZ Multifunction PC Card

SMC8034TX-56K

Features

- 10/100 Full-duplex operation
- Compatible with traditional Type II PCMCIA slot and 32-bit CardBus slot
- 10Mbps or 100Mbps auto-negotiation
- V.90 or K56flex data mode (modem) auto-sensing
- Features Ethernet full-duplex mode that doubles the network connection speed
- Digital line protection to protect modem against connecting to high current digital PABX
- PCMCIA client enabler support
- Wide range of PCMCIA Card/Socket Services (CSS) support
- Concurrent use of Fast Ethernet LAN and fax/modem operation
- Fixed-port design

LEDs:

- LAN: Link, Active, 10/100Mbps
- Modem: CD, TX, RX

Bus

- PCMCIA PC Card standard version 2.0 and newer

Connector

- 10BASE-T/100BASE-TX (RJ-45)



SMC8034TX-56K



Telephone Line Interface

- RJ-11, 2-wire dial-up

Drivers

- ODI/IPX: Personal Netware, Netware IPX/SPX, Novell Netware Client
- NDIS: Win 2000, Win 98, Win 95 & OSR2, Win NT 4.x/3.x, Win 3.x, DOS
- Microsoft LAN Manager, Artisoft LANtastic
- IBM LAN Support, FTP TCP/IP, Packet Driver
- Other: Linux OS, Banyan VINES
- Latest drivers available on www.smc-europe.com

Compatible

- IEEE 802.3, IEEE 802.3u
- PCMCIA Type II
- Modem: K56flex, V.90, Group 3 (send and receive), EIA Class 1 fax commands

Size

- 12.0 x 6.0 x 0.33 cm

Fast Ethernet Portable Adapters

EZ PC Card 10/100

SMC8040TX

EZ CardBus 10/100

SMC8036TX

Features

- 10/100Mbps Full-duplex operation
- Comprehensive LEDs for easy trouble shooting
- PC Card Hot-Swap support
- Auto-negotiation automatically detects (Full-/Half-duplex) mode
- Card&Socket Services (CSS) ensure troublefree intranet connections to users
- Fixed-port design
- Plug-and-Play menu driven installation utility

LEDs

- Link, Activity, 10/100

Bus

- 16-bit PCMCIA (Type II)
- 16/32-bit Cardbus

Connector

- 10BASE-T/100BASE-TX (RJ-45)

Drivers

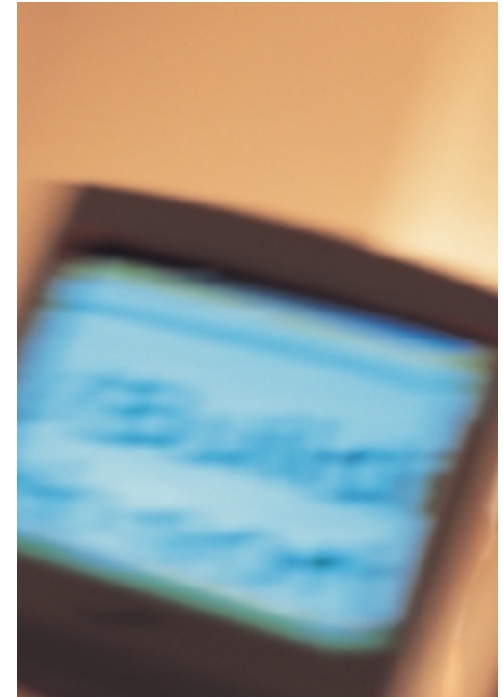
- Novell Netware 3.x, 4.x
- Microsoft LAN Manager
- Microsoft Windows for Workgroups 3.11
- Windows 3.1, 95, 98, NT, 2000
- Latest drivers available on www.smc-europe.com

Compatible

- IEEE802.3, IEEE802.3u

Size

- 12.0 x 6.0 x 0.33 cm



SMC8036TX



Product	Model No.	Description
EZ Multifunction PC Card 56K fax/modem	SMC8034TX-56K	16-bit 10/100Mbps PCMCIA card + 56K Modem

Product	Model No.	Description
EZ PC Card 10/100	SMC8040TX	16-bit 10/100Mbps PC Card
	SMC8036TX	32-bit 10/100Mbps CardBus