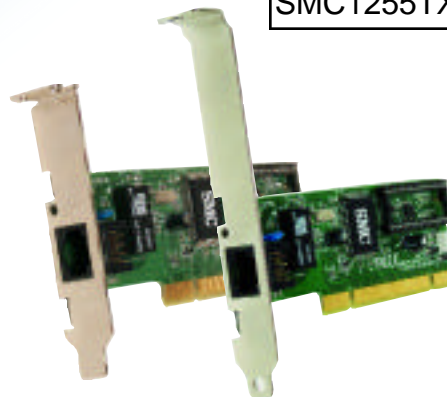


PC Connectivity

EZ Card™ 10/100 10/100 Mbps Fast Ethernet PCI Adapters

Model Number: **SMC1255TX**

SMC1255TX/LP



SMC's new EZ Card™ 10/100 PCI (SMC1255TX) Fast Ethernet Adapter is among the most affordable network cards on the market today. This new network adapter supports a 32-bit PCI bus and is auto-configurable upon power-up through the host computer's BIOS setup program. This latest addition to the EZ Card™ family supports both 32-bit data transfer mode and an early receive and transmit interrupt function to eliminate I/O bottlenecks. Developed using the latest in bus-master architecture, this SMC 10/100 adapter will help reduce CPU utilization while optimizing performance and throughput. This dual-speed network adapter has a single RJ-45 connector for both data rates, making it simple and cost-effective solution to help future-proof your network.

The SMC EZ Card™ 10/100 PCI (SMC1255TX) provides auto-negotiation for quickest communication rate supported by the attached device. To configure this new Ethernet connection, simply connect the SMC Adapter to an Ethernet hub or switch and it will automatically operate at 10 Mbps. When you need additional bandwidth, just connect the adapter to a Fast Ethernet device and it will automatically modify its throughput to 100Mbps.

Featuring "Remote LAN Wakeup", the SMC1255TX allows MIS Administrators to manage desktop resources effectively from remote locations. As an added bonus, the SMC EZ Card™ 10/100 also offers an optional Boot ROM socket to provide additional support for network booting from diskless workstations.

The SMC1255TX/LP is a low profile model of the EZ Card™ 10/100 adapter. This adapter provides the same functionality and outstanding performance as TX model and is also the perfect solution for installing into low profile cases.

The family of EZ Card™ 10/100 Network Adapters ships with drivers for all the popular network operating systems. The drivers are available on the SMC's installation diskette or website (www.smc.com). Combine all of these features and functionality with SMC's award-winning technical support and service, you have the perfect Network adapter for any situation.

Benefits

Features

- 32-bit PCI bus-master architecture
- Dual-speed 10/100 Mbps
- Full-duplex and auto-negotiation
- Auto-configures on power-up
- Diagnostic LEDs
- Support for Boot ROM (PXE and RPL)
- Wake-on-LAN
- Wired for Management
- Flow control
- Tiny Personal Firewall

Benefits

- Supports 32-bit data transfer; bus-mastering reduces CPU utilization and improves throughput
- Support for 10 Mbps and 100 Mbps data rates enables easy, cost-effective additional bandwidth
- Simple, quick and easy installation
- Provides clear data on status of network and card
- Remotely manage PCs through WfM feature

Compatible

- ANSI/IEEE 802.3 Ethernet
- ANSI/IEEE 802.3u Fast Ethernet
- ISO/IEC 8802-3 Ethernet
- PCI v2.2
- DMI v2.0
- WfM v2.x

EZ Card™ 10/100

10/100 Mbps Fast Ethernet PCI Adapters

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SPECIFICATIONS

SMC1255TX SMC1255TX/LP

Standards

- IEEE 802.3 10Base-T; UTP cable, 2 pairs, RJ-45 (EIA/TIA Categories 3,4,5)
- IEEE 802.3u 100Base-TX; UTP cable, 2 pairs, RJ-45 (EIA/TIA Category 5)
- IEEE 802.3x Flow Control

Interface:

- 1 RJ-45 Port for 10Base-T and 100Base-TX

PCs Supported:

- PCI v2.2

Power Management:

- ACPI (Advanced Configuration and Power Interface)
- Wake-on-LAN remote power-on for resource management
- MagicPacket and link status change support
- OnNow/PC98/PC99 Instant On Functionality

Network Management:

- DMI v2.0
- WfM v2.x

System Clock:

- 33MHz

Data Interface:

- 32-bit Bus-Mastering PCI

I/O Address:

- Automatically Allocated by BIOS

Interrupt Level:

- INT A, Mapping to BIOS IRQ SETUP

Full Duplex:

- 10Mbps & 100Mbps (20 Mbps & 100 Mbps)

Power Consumption:

- 3.3 Volt Low power device

Temperature:

- 0 to 55 C/ 32 to 122 F (Standard Operating)

Humidity:

- 10% to 90% (Non-condensing)

LED Indicator:

- One (Link/Activity and Speed)

Dimensions:

- 119.92 mm x 42.98 mm

Weight:

- 45g

Certifications:

- CE Mark
- FCC Class B
- VCCI Class B
- CISPR 22 Class B

Operating Systems:

- ODI Drivers
Novell Netware, 3.12,4.1,4.11,5.0, Netware LAN WorkPlace, Novell LAN Analyzer
- NDIS 2.0
Microsoft LAN Manager, IBM LAN Server, IBM LAN Support, DEC Pathworks
- NDIS3.0
Windows for workgroup 3.11, Windows 95/SR1, Windows NT 3.51
- NDIS4.0
Windows 95 OSR2, Win NT 4.0
- NDIS5.0
Windows 98, Me, 2000, XP
- Packet Drivers
FTP PC/TCP, NCSA TCP/IP
- Unix
SCO Unix, Unixware 7, Linux, FreeBSD, Solaris 7/8

Warranty:

- Limited Lifetime

Product	Description
SMC1255TX	10Base-T/100Base-T (RJ-45) with Wake-on LAN, single-pack
SMC1255TX-05	10Base-T/100Base-T (RJ-45) with Wake-on LAN, 05-pack
SMC1255TX-20	10Base-T/100Base-T (RJ-45) with Wake-on LAN, 20-pack
SMC1255TX-50	10Base-T/100Base-T (RJ-45) with Wake-on LAN, 50-pack
SMC1255TX/LP	10Base-T/100Base-T (RJ-45) with Wake-on LAN Low Profile Adapter, single-pack