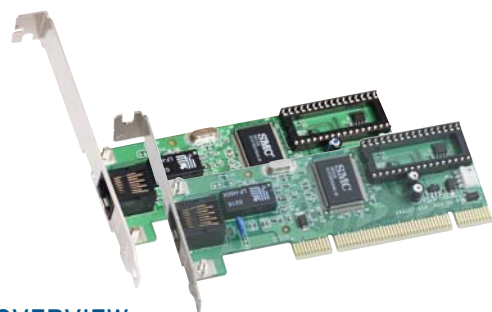


SMC1255TX / SMC1255TX/LP

EZ Card™ Fast Ethernet PCI Adapter with Personal Firewall



OVERVIEW

The EZ Card™ Fast Ethernet PCI Card with Personal Firewall (SMC1255TX) combines the high performance of a 10/100 Mbps network adapter and the functionality of a full-featured firewall into one perfect solution. The EZ Card™ PCI Adapter comes with two free software applications - SMC Etherguard Personal Firewall and WinEtool Personal Sniffer. The SMC Etherguard application provides an efficient software firewall that can filter traffic based on website name, IP address, and TCP/UDP protocol, while the WinEtool application monitors your network traffic with a built-in Wake-on-LAN packet generator and packet analysis tool. These tools monitor each packet of data as it is sent through your network.

To provide a superior network connection, the EZ Card™ Fast Ethernet PCI Card supports full-duplex communication, auto-negotiation, Wake-on-LAN (WOL), flow control, and a 32-bit data transfer mode. Developed using the latest in bus-master architecture, this SMC 10/100 Adapter reduces CPU utilization while optimizing performance and throughput. The EZ Card™ Fast Ethernet PCI Card auto-configures itself on power-up to provide an easy installation. For network management, this latest adapter features a "Remote LAN Wakeup" option for remote management and an optional Boot ROM socket to enable network booting from a diskless workstations. For connectivity, this SMC Adapter uses a single RJ-45 connector

for both data rates, making it a simple and cost-effective solution to help future-proof your network at both the home and office.

The EZ Card™ Fast Ethernet PCI Card with Personal Firewall (SMC1255TX) provides a solid network connection while the included software, SMC Etherguard Personal Firewall and WinEtool Personal Sniffer, protects and manages your network. SMC Etherguard, the personal firewall application, records both the IP address of individuals attempting to access your network and previously visited websites. In addition, this software will also block Trojan Horses from destroying your files. The WinEtool Sniffer application monitors and tracks all of the activity on your network to ensure that intruders are kept out. All of this important network traffic information and these various configuration options are accessible through an easy-to-use software interface. To configure this new Ethernet connection, just connect the SMC EZ Card™ Fast Ethernet PCI Card to an Ethernet hub or switch and it will automatically operate at 10 Mbps. When you need additional bandwidth, simply connect the adapter to a Fast Ethernet device and it will automatically change its throughput to 100Mbps. 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.

FEATURES	BENEFITS
32-bit PCI bus-master architecture	Supports 32-bit data transfer; bus-mastering reduces CPU utilization and improves throughput
Dual-speed 10/100 Mbps	Support for 10 Mbps and 100 Mbps data rates enables easy, cost-effective additional bandwidth
Diagnostic LEDs Wake-on-LAN	Provides clear data on status of network and card
Wired for Management	Remotely manage PCs through WfM feature
VLAN and SNMP	Advanced features include VLAN and SNMP for complete system monitoring and control
SMC Etherguard personal firewall	Personal firewall protects your network from intruders
WinEtool personal sniffer program	Personal sniffer program monitors and tracks all network activities

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
- IEEE 802.1Q

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
- SNMP

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)

MTBF

- 25° C / 77° F - 966,706 hours
- 50° C / 122° F - 697,163 hours

POWER CONSUMPTION

- 3.3 Volt Low power device

LED INDICATOR

- One (Link/Activity and Speed)

CERTIFICATIONS

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

OPERATING SYSTEM

- 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
- MAC 9, 10.1, 10.2

TEMPERATURE

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

OPERATING HUMIDITY

- 10% to 90% (Non-condensing)

WARRANTY

- Limited Lifetime

DIMENSIONS (without bracket)

- 4.72 x 1.69 in
- 119.92 x 42.98 mm

WEIGHT

- 0.1 lbs
- 45g

Contact

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