The EZ Card™ 10/100 Fast-Ethernet PCI Card (SMC1255TX-1) supports full-duplex communication, auto-negotiation, Wake-on-LAN (WOL), flow control, and a 32-bit data transfer mode. Developed using the 32-bit PCI bus-master architecture, this SMC 10/100 Adapter reduces CPU utilization while optimizing performance and throughput. The EZ Card™ 10/100 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 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 for your network at both the home and office. Simply connect SMC EZ Card™ 10/100 Fast Ethernet PCI Card to a Fast Ethernet device and it will automatically connect at 100Mbps for highest performance. 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.

<table>
<thead>
<tr>
<th>FEATURES</th>
<th>BENEFITS</th>
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<tbody>
<tr>
<td>32-bit PCI bus-master architecture</td>
<td>Supports 32-bit data transfer, bus-mastering reduces CPU utilization and improves throughput</td>
</tr>
<tr>
<td>Dual-speed 10/100 Mbps</td>
<td>Support for 10 Mbps and 100 Mbps data rates enable easy, cost-effective additional bandwidth</td>
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<tr>
<td>Serial EEPROM and/ or Flash support</td>
<td>Optional bootrom support for enabling network booting from diskless workstations</td>
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<tr>
<td>Support Wake-on-LAN and remote wake-up support</td>
<td>Allows remote powering up of computer for automated and unattended management (Wfm - Wired for Management). Includes AMD® Magic Packet, Re-LinkOK, and Microsoft® Wake-up frame</td>
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TECHNICAL SPECIFICATIONS

SMC1255TX-1

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 ADDRESSES
• 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

OPERATING SYSTEM
• Microsoft Windows 95
• Microsoft Windows 98
• Microsoft Windows 2000
• Microsoft Windows ME
• Microsoft Windows NT
• Microsoft Windows XP
• Microsoft Windows Vista (32 and 64-bit)
• Linux
• FreeBSD V4.x
• MAC OS 8.x, 9.x, 10.0.4, 10.2
• Netware 3.1x, 4.01x
• UnixWare 7
• SCO UNIX 4.x, 5.x
• NDIS 2.0 for DOS
• NDIS 2.0 for OS2
• WFW31
• PCKTDRV

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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8/2008