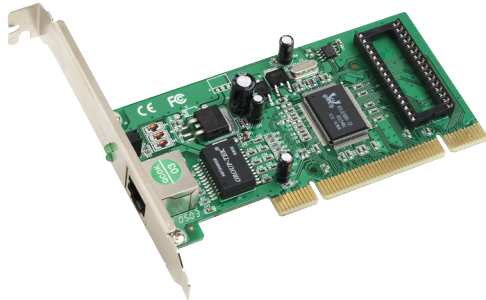


SMC9452TX-1
EZ Card™ 1000 32-bit 10/100/1000Mbps Copper Gigabit PCI Card



OVERVIEW

The EZ Card™ 1000 (SMC9452TX-1) is SMC Networks new 32-bit 10/100/1000Mbps copper gigabit PCI interface card designed for higher bandwidth system applications. SMC9452TX-1 offers 10/100/1000Mbps auto-configuration, cross over detection, auto correction, and full duplex support to maximize the network's potential speed while accommodating the existing infrastructure. SMC9452TX-1's advanced features such as TCP and UDP Checksum Offload

(minimizes CPU utilization), Flow Control, Jumbo Frame support ensures data integrity even under heavy loading. Up to 10 times faster than Fast Ethernet, SMC9452TX-1 is fully IEEE compliant and with its Wake-On-LAN and remote wake-up support, Plug and Play installation, and support for major operating systems makes it an excellent solution for home or office with resource intensive and time sensitive applications.

FEATURES	BENEFITS
Fully compliant with 802.3ab 1000Base-T, 802.3u 100 Base-TX, and 802.3 10Base-T Standards	Gigabit Ethernet is 10 times faster than Fast Ethernet.
Full Duplex and Auto-negotiation	Provides 2Gbps full duplex network performance and is capable of automatically detecting the connection speed and auto-negotiating to the highest possible performance.
Supports Wake-on-LAN and remote wake-up support (including AMD Magic Packet, Re-LinkOk, and Microsoft® Wake-up frame)	Supports remote powering on of the PC
Microsoft NDIS5 Checksum Offload (IP, TCP, and UDP) and large send offload support	Eliminates CPU bottleneck by offloading a time consuming task.
PCI Bus, supporting 33/66 MHz speed and 32-bit data transfer size	Boosts bulk data transfers, resulting in more efficient bus transfer and reduction of server load by increasing the server's usable bandwidth.
Jumbo Frame support / VLAN tagging (802.3Q)	Supports VLANS for increased network performance, improved manageability, and increased security.
Serial EEPROM and /or Flash support	Optional bootrom support
Transmit/Receive FIFO (8K/64K) support	Built-in FIFO buffers reduces overhead of memory transfers.
Supports Advance Configuration and Power Interface (ACPI)	Achieves the most efficient power management possible Power management for modern operating systems that are capable of Operating System directed Power Management (OSPM) to achieve the most efficient power management possible



NETWORK INTERFACES

- 10Base-T, 100Base-TX, and 1000Base-T

BUS INTERFACES

- PCI v2.2, 32-bit, 33/66MHz

OPERATING SYSTEMS

- Windows 98/Me/NT/2000/XP/Vista
- Netware 5.x
- Linux 2.2.x or later
- FreeBSD

STANDARDS

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3x
- IEEE 802.1Q
- PCI v2.2
- ACPI v1.0/ 2.0

LED INDICATION

- Link/Activity
- 1000Mbps

COMPLIANCES

- FCC Part 15, Class B
- CE Mark Class B
- C-Tick

POWER CONSUMPTION

- 5W (Max)

HUMIDITY

- Non-condensing 10% to 90%

TEMPERATURE

- Operating: 32 to 131 F° / 0 to 55 C°
- Storage: -4 to 149 F° / -20 to 65 C°

WARRANTY

- Limited Lifetime

DIMENSIONS

- 4.72 x 2.37 in (without bracket)
- 120 x 60.3 mm (without bracket)

WEIGHT

- 1.89 oz
- 53.58 g

Contact

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