

# SysKonnnect

SK-9E21

10/100/1000Base-T Server Adapter, PCI-Express



## SK-9E21

- || Gigabit Ethernet Network Adapter for high performance
- || 10/100/1000Base-T support (auto detect) and Auto-MDI-X for cabling recognition
- || Virtual Cable Tester®
- || PCI-Express x1



# 10/100/1000Base-T Server Adapter, PCI-Express SK-9E21

## Driver Support

Windows: NT4, 98 SE, ME, 2000, XP Professional and Home  
Small Business Server 2003, Server 2003, Server 2003 x64,  
Server 2003 for 64Bit Itanium



Linux: Kernel 2.4.13 and higher

Drivers for other operating systems – please check website [www.sysconnect.com](http://www.sysconnect.com)

## Boot Option

Standard PXE 2.1 (Pre-Boot eXecution Environment)  
RPL (Remote Program Load)

## Standard Compliances

IEEE 802.3x with flow control / auto-negotiation  
IEEE 802.1p class of services  
IEEE 802.1q/IEEE 802.3ac VLAN Tagging  
IEEE 802.3ac frame extension for VLAN Tagging  
IEEE 802.3ad link aggregation  
IEEE 802.3ab Gigabit Ethernet standards  
IEEE 802.3 and IEEE 802.3u (Ethernet and Fast Ethernet)

## Bus Interface

PCI-Express 1.0a compliant  
x1 PCI-Express Serial Link (adapter can also be operated in x4, x8 and x16 slots)  
PCI-Express Native Hot Plug according to PCI-Express 1.0a and Advanced Configuration

## Network Connector

10/100/1000Base-T Gigabit Ethernet over CAT5 UTP (RJ-45 connector)

## EMC

CE, FCC Class B, VCCI

## Safety Standards

CSA, CB, CE, UL

## Notes

- Parity monitoring on all data path
- 96 KB ultra deep memory for each port
- Sensor support for voltage and temperature
- TCP, UDP and IP checksum offload
- TCP Segmentation (Large Send)
- Jumbo Frame support
- Wake on LAN
- System Management Bus Interface for ASF/ IPMI with integrated on chip controller
- Dynamic Interrupt Moderation
- Promiscuous Mode
- Multicast support
- Advanced Power Management (ACPI 2.0)
- PCI Low Profile with included bracket
- SNMP MIB Statistic Specification
- Automatic MDI/MDI-X Crossover at all speeds

## Warranty

5 years

1M-00-E21-000 1.01

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