

NIC-PCI-1SFP-PLU

PCI 1000Base-FX SFP Port Fiber NIC (Intel 82545EB Based)



Description:

The NIC-PCI-1SFP-PLU PCI 1000Base-FX NIC is a R&D based on Intel controller, support PCI bus, managed gigabit fiber Ethernet card to meet the FTTD. The PCI 1000Base-FX NIC is also the unique 32 bit PCI gigabit fiber nic in market. It also one of the hot sales gigabit fiber nic card.

The NIC-PCI-1SFP-PLU PCI 1000Base-FX NIC uses the Intel 82545EB as the major controller.

With a self-configuring PCI interface, delivering high throughput while conserving CPU resources. Enhancing server performance further by teaming multiple Server Adapters with Intel's advanced server feature software for multi-Gigabit scalability and redundant failover capability. With a flexible design that fits almost any type of PCI bus, the standards-based management features and wide network operating system support help to ensure extensive compatibility with the latest server and networking environments.

High Performance Control, High performance Assurance

Intel® 82545EB Gigabit Controller provides high performance, reliability, and low power use in a single integrated Gigabit Ethernet controller chip. The features and benefits are as follows:

- Support for most NOSs, Enables widespread deployment
- INTEL gigabit Single Driver technology, Common driver suite for Gigabit Ethernet reduces installation Complexity
- Support 32 bit PCI 1.0 and PCI 2.2 bus, compliant with 64 bit PCI bus, fits almost any type of PCI bus
- Remote Management Support (WfM, RIS, SNMP/DMI), Reduces support costs with remote management based on industry-wide standards
- Support IEEE 802.3ab standard, support the normal gigabit Ethernet internet standard
- Full-height and low profile, screw-on brackets included with each adapter, for installation in high-density 1U and 2U servers
- Interrupt Moderation, delivers increased performance while significantly reducing CPU utilization

- Large Send Off-load/TCP Segmentation Off-load, which enables wire speed performance with low CPU utilization
- Supply switch device for fault tolerance and checking, use for checking compliant, extent normal working time.

Professional Design, Cast Highly Stable Fiber Network

Strict wiring requirements, High standard isometric line walk line equidistant difference way, control the equilong in 5mil, improve the signal transfer quality, assure the functions.

Efficient high power management chipset provides a safe, stable and reliable power supply for the network card. Good layout, the appropriate packaging, quality of materials used, the network card will with high performance and stability. At the same time, make the product more beautiful, generous.

Features:

Plug and play

32 bit PCI date transfer bus, compliant with PCI 2.2

6 layer PCB, double copper thickness,5OZ heavy gold plate to improve the working stability

1000Mbps fiber module, LC connector, MM or SM available

Run the speed of 66MHz 32bit PCI bus to reach higher 1000BASE-LX and 1000BASE-SX functions

1000Mbps fast Ethernet, Full duplex or half-duplex operation, reach 2000Mbps in full duplex

Support IEEE 802.3x flow control

Support IP Unicast broadcast and multicast address filtering mechanism

Support priority queue

Support IEEE 802.1Q VLAN tagging

Support IP multicast packet filter reduces host CPU use

Support high density server rack installation type of optional ultra-thin stents

NOS Software Support:

Windows 10

Windows 8

Windows 7

Microsoft Windows XP 32-bit (64-bit)

Microsoft Windows Vista 32-bit (64-bit)

Microsoft Windows Server 2000 64-bit

Microsoft Windows Server 2003 64-bit

Microsoft Windows Server 2008 64-bit

Microsoft Windows 98/98SE/NT4.0/NT

Microsoft Windows CE/CE net5.0

Microsoft Windows Server 2000

Microsoft Client for DOS

NetWare 5.0

OpenUNIX 8.0(Caldera)

UnixWare 7.x

Novell ODI

FreeBSD 4.7 to 5.x

Intended for 2.2 through 2.6.x kernels

Sun Solaris x86