

NIC-PCI-1SFP-100FX-PLU

PCI 100FX SFP Port Fibre NIC (VT6105 Based)



Description:

NIC-PCI-1SFP-100FX-PLU is a 100Mbps managed PCI bus SFP port fibre NIC. The NIC-PCI-1SFP-100FX-PLU can supply reliable fibre optic connections for users when surfing the fast Ethernet internet, particularly it is suitable access the distance beyond the five lines access distance (100m) of the place. It can completely replace the Ethernet card external photoelectric conversion of the network structure of the commonly used RJ-45, to provide users with reliable fibre-to-the-home and fibre-to-desktop solutions. Users can select the optical SFP module, plug-and-play. The distance can reach from 2KM to 110KM.

Features:

- Based on Taiwan VIA VT6105M controller
- SFP port, support all kinds of 100M SFP modules
- Both full-height and low profile for small form factors
- Support PXE Boot Rom
- Compliant with IEEE 802.3u 100Base-FX / IEEE 802.3ah 100Base-LX10 / -BX10 Ethernet standards
- 100Mbps fast Ethernet, full duplex or half-duplex operation, reach 200Mbps in full duplex
- Supports 32-bit PCI 2.2 buses
- Support IEEE 802.3x Flow Control enabled with full duplex operation, allowing enhanced operation when directly connected to a switch
- Support IP Unicast broadcast and multicast address filtering mechanism
- Support IEEE 802.1p Tagging supported, ensure the sensitive data can reach on time
- Support IEEE 802.1Q VLAN tagging

- Support GVRP VLAN registration protocol
- Support TCP/IP, CPU Task Offload reduces host CPU use
- Advanced management, support DMI 2.0 and ACPI 1.0

Advantages:

- Uses the double copper thickness, 50Z heavy gold plate to ensure good reflection and heat dispersion
- Optimize designation, improved the distribution line and integral network arrangement
- Uses the high power control, improves the high temperature of IC problem
- Add the PXE BootRom controller and PXE

Applications:

- 100FX FTTH/FTTD Network
- 100FX Industry Ethernet
- POF Digital Home Network
- Other Fibre applications AS

NOS Software Support:

Windows XP 32-bit (64-bit)
Windows 7 32-bit (64-bit)
Windows 8 32-bit (64-bit)
Windows Vista 32-bit (64-bit)
Windows Server 2003 64-bit
Windows ME/95/98/98SE/NT
Windows CE net5.0/6.0
Windows Server 2000
DOS
Ubuntu pre 8.04/9.04/ 9.10/10.04
SuSE Linux Enterprise 11,
Fedora Core 1.0 Linux /2.0/3.0/4.0/5.0/6.0/7.0/8.0/11.0
Kernel 2.6.19.X,
OpenUNIX 8.0 (Caldera)/openSuSE Linux 10.3 & earlier versions,
Mandrake/Mandriva pre-2006/2006/2007/2007.1/2008 Linux
Red Flag Linux, Red Hat Linux
FreeBSD versions 4.x, 5.x, 6.x and 7.0.
UNIX Solaris 8, 9 and 10 x86 and UNIX Solaris 10 x64 editions
UnixWare 7.x
Sun Solaris x86

Environmental Parameters:

Operating Temperature: 0°C--50°C

Storage Temperature : 5°C--55°C

Humidity Range Operating: 5%--95%, non-condensing

Power: 2W

LED: green Link/Activity, orange and green color indicated

Size: 120mm×53mm

Ordering Information:

M/N	Description
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