

EN201 Fiber NIC Series

32-Bit Fast Ethernet
100 Base-FX Card
For PCI Bus

Overview

The EN201 NIC card series is a plug-in module of the PC providing 10/100 Mbps connection in networking. Vilink 's EN201 NIC cards provide popular fiber and copper connections with a variety of fiber connector option that suit different platforms.

The EN201 NIC cards are available in copper and 4 types of fiber connections, single mode version can be used for long distance application up to 75 Km. All EN201 NIC cards support 32-bit Bus Master operation and a wide range of software drivers for different OS platforms. The fiber connection can be made up to 200 Mbps when it's in full-duplex mode.

Features

- ◆ Provides 5 types of fiber connections: multi-mode ST, SC, VF-45, MT-RJ, and single-mode SC
- ◆ Supports 32-bit Bus Maser operation
- ◆ PCI bus clock speed range: 16.75 to 40 MHz
- ◆ Supports up to 128K bytes Boot ROM
- ◆ Supports Wake-On-LAN (WOL) function and remote wake-up (Magic packet, LinkChg and Microsoft wake-up frame)
- ◆ Supports half-duplex or full-duplex operation for up to 200Mbps data transfer rate
- ◆ Compliant with PCI plug-n-play
- ◆ Low CPU utilization
- ◆ Supports IEEE 802.3x full-duplex flow control
- ◆ Compliant with IEEE 802.3u 100BASE-FX
- ◆ Compliant with PCI Specifications Revision 2.2
- ◆ Provides status LEDs



Specifications

Drivers Support:

- ◆ On-board EEPROM (93C46) Programming Tool
- ◆ Setup/Diagnostic Program for DOS/Windows
- ◆ NDIS2 (DOS, OS/2, LANtastic, WFW3.1...)
- ◆ NDIS3, NDIS4, NDIS5 for Win95, 98, NT 3.51, 4.0, 5.0, WFW3.11
- ◆ NetWare 16-bit ODI driver for DOS, OS/2 and 32-bit ODI driver for NetWare 3.x, 4.x, 5.0 Server
- ◆ Packet driver for UNIX Client
- ◆ SCO Unix driver
- ◆ Linux driver
- ◆ Help Utility for Easy Installation
- ◆ Support DMI
- ◆ RPL Boot ROM for Novell NetWare, Microsoft NT
- ◆ PXE Boot ROM

Fiber NIC Series:

- ◆ 32-bit PCI Bus Fast Ethernet100BASE-FX Card

Visual Indicators:

- ◆ Per unit - LNK/ACT (2 LEDs)

Ethernet Standards:

- ◆ IEEE 802.3u 100BASE-FX

Fiber cable:

- ◆ 62/125µm Multi-Mode fiber-optic cable, up to 2 km Or 10/125µm Single-Mode fiber-optic cable, up to 40 km Wavelength of 1300nm

Physical:

- ◆ AC Input: 5VDC, 500mA max
- ◆ Operating Temperature: 0 C- 40 C (32 F- 104 F)
- ◆ Operating Temperature: 0 C- 40 C (32 F- 104 F)
- ◆ Humidity: 10%-90% non-condensing
- ◆ Emission Compliance: FCC part 15 class A, CE Mark, VCCI Class A
- ◆ Safety: UL
- ◆ Dimensions: 130 mm ×65 mm (5.12" ×2.56")

Ordering Information:

Model	Description
EN201ST01	Multi-mode fiber-optic with ST connector, up to 2 km
EN201ST03	Single-mode fiber-optic with ST connector, up to 15 km

*Consult Factory for Additional Module Numbers