

## 5-port L2 SNMP Switch Card

LevelOne's FNC-0600TXM is a high performance 32-bit PCI Bus SNMP Fast Ethernet adapter with 5-port 10/100Mbps Switch. The N-way ports auto-negotiate between 10Mbps and 100Mbps, which offer 200 Mbps aggregate bandwidth. It also supports a range of critical performance and advanced management-related features including 802.1p priority transmissions, TCP/IP checksum offload, IEEE802.3x flow control and adaptive interrupts.

The switch card uses the management controller which is a SNMP/RMON/DMI function-ready single ASIC chip solution for use with PC server level NIC adaptors. It is designed to function with the SOHO systems application requirements and industrial PCs with advanced low power processing to reduce power consumption for power sensitive applications and Green PCs. With Plug-and-Play function, the user can easily install and configure the switch card with minimum effort.



**FNC-0600TXM**

### Key Features

- |  |  |
|--|--|
| 32-bit PCI v2.2 Bus interface  | Real 32-bit turbo driver is provided for maximum performance |
| Store-and-Forward switching method   | Supports MDI/MDIX for each port                              |
| Supports flow control IEEE 802.3x for full-duplex mode and back-pressure flow control for half-duplex mode | Supports MAC enhancement function for management server NIC  |
| Self-defines 256 bytes memory I/O or register I/O based command and status register                        | Space saving design and RoHS compliant                       |
| With SNMP/RMON/DMI network management function   |  |

### Driver Supported

- |   |  |
|---|--|
| Windows NT3.1, 3.5, 4.0/ 95/98/ME/2000/XP   | IBM TCP/IP for DOS & OS/2                |
| Windows for workgroups, Microsoft LAN Manager   | Linux and FreeBSD                        |
| Novell Netware 3.x, 4.x, 5.x, ODI Driver, Novell Netware Client 32                                    | UnixWare                                 |
| Novell Analyser, Personal Netware IBM LAN support program, IBM OS/2 Warp Server, IBM OS/2 LAN Server. | FTP PC/TCP and SUN PCNFS                 |
|   | SCO UNIX, SCO Open Server                |
|   | NDIS Driver                              |
|   | Packet drivers (FTP PC/TCP, NCSA TCP/IP) |

# Datasheet\_FNC-0600TXM

## Technical Specification

### Standards Compliance

IEEE 802.3/ IEEE 802.3u  
IEEE 802.3x Flow Control

### Ports

5 x 10/100 Mbps RJ-45 ports

### Mounting Method

PCI Slot

### Transmission

Auto-negotiation (half/ full-duplex, 10/100 Mbps)

### Filtering Rate

148,800 packets per second (max.)

### Forwarding Rate

148,800 packets per second (max.)

### MAC Address

1000 entries

### RAM Buffer

1MB

### Management

SNMP /RMON/ DMI

### LEDs

Per Device: Power

Per RJ-45 port: Speed, Link/Act

### Power Input

100~240VAC, 50/60Hz Internal universal power supply

### Power Consumption

30 Watts (max)

### Ventilation

60 x 60 mm DC fans x 1

### Temperature

Operating: 0°C~50°C

### Humidity

Operating: 10% ~ 90% (non-condensing)

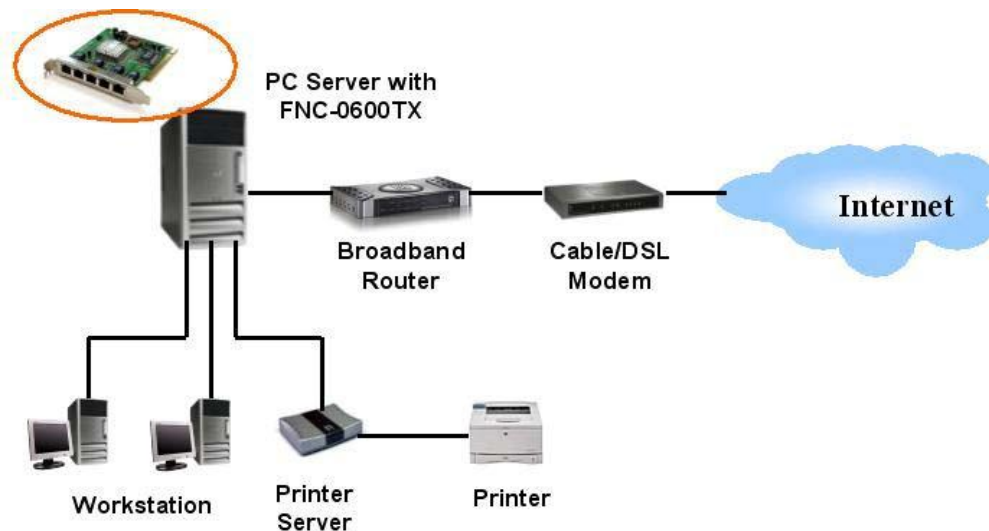
### Dimension

121mm(W) \* 132mm(L) (include bracket)

### EMI and Safety

FCC, CE

## Product Diagram



FNC-0600TXM Diagram

## Ordering Information

FNC-0600TXM: 5-port L2 SNMP Switch Card