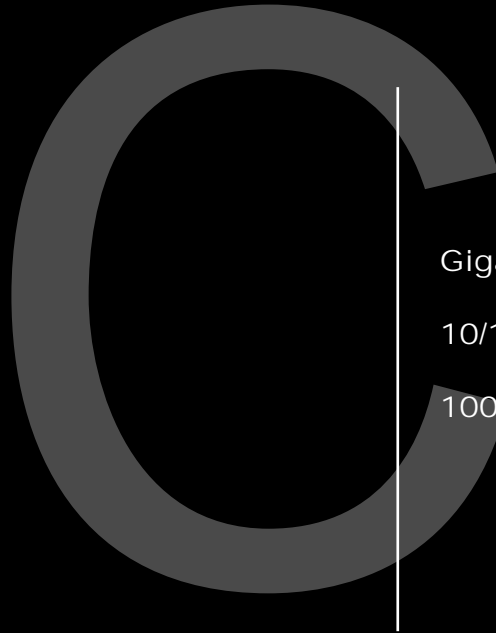




## Network Interface Cards



Gigabit Ethernet NICs

10/100 Ethernet PCI NICs

100BaseFX Ethernet PCI Fiber NICs

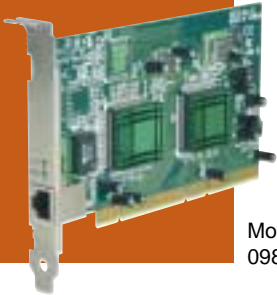


## NETWORK INTERFACE CARDS

Signamax Connectivity Systems' Gigabit network adapter cards are used wherever it is necessary to provide Gigabit Ethernet capability directly into a server or workstation. These cards utilize the new high-speed 64/32-bit PCI Bus Mastering architecture and support IEEE 802.1p Quality of Service (QoS) and 802.1Q VLAN Tagging standards for complete network optimization.

The model 098-2000SX full-function fiber LAN card supports the IEEE 802.3z 1000BaseSX specification over either 50/125 micron or 62.5/125 micron multimode fiber optic cabling via it's SC fiber connector. The model 098-2000T twisted-pair LAN card supports the IEEE 802.3ab 1000BaseT specification in a Category 5E or better cabling system, using a standard RJ-45 jack. This card also supports 10BaseT and 100BaseTX transmission, allowing its use in networks evolving to Gigabit Ethernet.

# Gigabit Ethernet PCI Adapter Cards



Model  
098-2000SX



## SPECIFICATIONS

### STANDARDS COMPLIANCE

- IEEE 802.3z 1000BaseSX (Model 065-2000SX)
- IEEE 802.3ab 1000BaseT (Model 065-2000T)
- IEEE 802.3u 100BaseTX (Model 065-2000T)
- IEEE 802.3 10BaseT (Model 065-2000T)
- IEEE 802.3x Flow Control
- IEEE 802.1p Quality of Service
- IEEE 802.1Q Tagged VLAN
- PCI Specifications Revision 2.2

### CONNECTOR

- Model 098-2000SX:** SC multimode 1000BaseSX. Requires either 62.5/125 micron or 50/125 micron multimode fiber optic cable.
- Model 098-2000T:** RJ45 10/100/1000BaseT/TX with Auto MDI/MDI-X Determination. Requires Category 5e cabling or better.

### ARCHITECTURE

- 64/32-bit PCI Bus Mastering with Auto PCI
- Auto I/O Address Configuration
- Auto Full & Half Duplex modes

### DIAGNOSTIC LEDS

- ACT:** Network detected + data transmitted/received
- LNK:** Connection detected

### WARRANTY

- Lifetime Limited Warranty

## Gigabit Ethernet PCI Adapter Cards

PART NO.	DESCRIPTION
098-2000SX	1000BaseSX PCI Network Adapter Card - SC Multimode
098-2000T	10/100/1000BaseT/TX PCI Network Adapter Card

Signamax Connectivity Systems' Model 098-1100 Fast Ethernet NWay network cards can turn a typical PCI computer into a high-performance, high-bandwidth, multi-media workstation. For even higher capacity, the Signamax Model 098-1100S Fast Ethernet NWay network cards, installed in a fast PCI computer, offers high-bandwidth power server performance that's ideal for use in demanding applications such as high-end graphics workstations. The card's superior processor occupancy performance allows servers in both client-server and peer-to-peer network architectures to function at their highest level. Both models use a standard RJ-45 jack to connect to either Ethernet or Fast Ethernet networks without any need to set configuration. Full or half duplex operation is also automatically detected. Includes drivers for all popular networks and operating systems.

# Ethernet PCI Network Adapter Cards



Model  
098-1100S

## SPECIFICATIONS

### STANDARDS COMPLIANCE

IEEE 802.3 10BaseT  
 IEEE 802.3u 10BaseTX  
 IEEE 802.3 10BaseT  
 ANSI/IEEE 802.3 NWay Auto-negotiation  
 PCI Specification 2.0/2.1.  
 Supports Full and Half Duplex.

### ARCHITECTURE

32-Bit PCI Bus Mastering, auto PCI BIOS setup.  
 Auto I/O Address configuration  
**Model 098-1100:** Realtek RTL8139 single chip Ethernet controller  
**Model 098-1100S:** Intel 21143 single chip Ethernet controller

### DIAGNOSTIC LEADS

**ACT:** Network Detected + Data Transmitted/Received  
**LNK:** Connection Detected

### WARRANTY

Lifetime Limited Warranty

## Ethernet PCI Network Adapter Cards

PART NO.	DESCRIPTION
098-1100	10/100 PCI LAN Adapter with Wake-On-LAN
098-1100S	10/100 PCI Server LAN Adapter with Wake-On-LAN



NETWORK  
INTERFACE  
CARDS

SIGNAMAX Connectivity Systems' 100BaseFX Fiber Optic Network Adapter Cards offer you more network bandwidth, better data security, and longer transmitting range. Fiber network adapter cards are the key to a complete fiber-to-the-desktop solution for businesses requiring the utmost in data security. In addition, fiber to the workstation is the answer to Radio-Frequency Interference (RFI) and Electro-Magnetic Interference (EMI) generated from heavy machinery in industrial applications that cause repeated data resends and reduced transmission efficiencies.

# 100BaseFX PCI Fiber Optic Network Adapter Cards



## 100BaseFX PCI Fiber Optic Network Adapter Cards

PART NO.	DESCRIPTION
098-1100FSC	100BaseFX PCI Fiber LAN Adapter, Multimode SC Connector
098-1100FST	100BaseFX PCI Fiber LAN Adapter, Multimode ST Connector
098-1100FMT	100BaseFX PCI Fiber LAN Adapter, Multimode MT-RJ Connector
098-1100FVF	100BaseFX PCI Fiber LAN Adapter, Multimode VF-45 Connector
098-1100FSM	100BaseFX PCI Fiber LAN Adapter, Singlemode SC Connector



NETWORK CONNECTIVITY SYSTEMS

800 446-2377 or visit our Web Site at [www.signamax.com](http://www.signamax.com).

These network adapters are available with ST, SC, MT-RJ, or VF-45 multimode connectors, or SC singlemode connectors at the fiber port. Advanced 32-bit PCI Bus Mastering architecture provides 133 Mbps bandwidth. Compliant with all industry standards; full-function cards include drivers for all popular networks and operating systems including Windows 2000, 95, 98, and NT4.0. Includes setup program for quick and simple installation.

## SPECIFICATIONS

### STANDARDS COMPLIANCE

IEEE 802.3u 100BaseFX  
PCI Specification 2.0/2.1.  
Supports Full and Half Duplex Operation.

### ARCHITECTURE

32-Bit PCI Bus Mastering with auto PCI  
Auto I/O Address configuration.  
Boot ROM socket for remote booting.

### INSTALLATION

Plug 'n Play

### DRIVER SUPPORT

Novell NetWare, Server 3.x/4.x/5.0.  
Client 32, Windows 2000, 95, 98,  
NT3.51, NT4.0, WFW, Microsoft LAN,  
IBM LAN, OS/2 Warp and LAN Server,  
IBM Comm. Manager. FTP PC/TCP,  
SUN PC-NFS, Packet driver, SCO  
UNIX 4.x/5.x, Linux.

### DIAGNOSTIC LEDS

**TX/RX:** Network detected + data  
transmitted/received  
**FD:** Full duplex mode  
**LINK:** Fiber connection detected.

### EMISSIONS

FCC Class A and CE approved

### WARRANTY

Lifetime Limited Warranty.

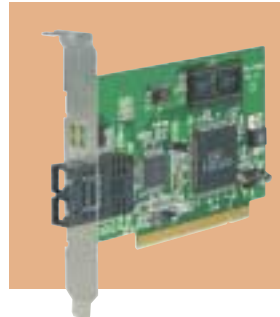
### INCLUDES

Driver Disk and User Manual.

Model  
098-1100FST



Model  
098-1100FSM



Model  
098-1100FMT



Model  
098-1100FVF

