

OmniNet

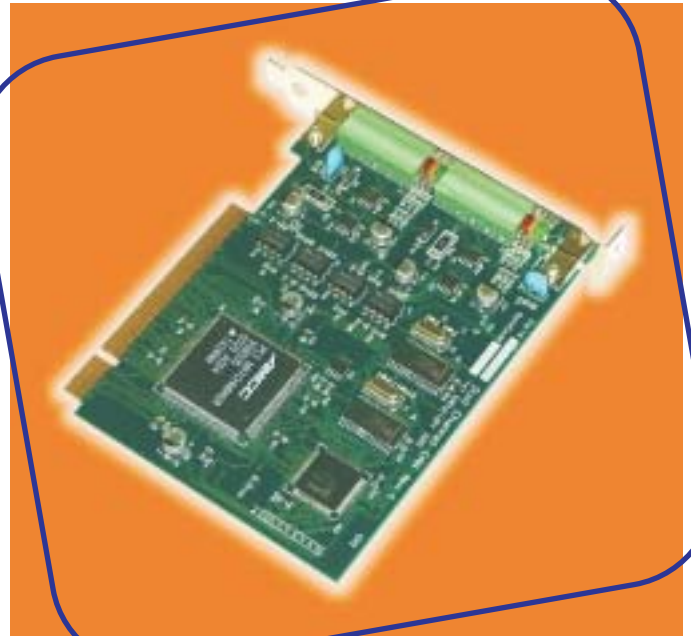
PCI Interface Card for DeviceNet

Product Description

The OmniNet PCI interface card functions as a gateway between the network devices and the control/monitoring software running on a computer.

The PCI card fits into the backplane of a standard or industrial personal computer. It also features LEDs for visual verification of power, network errors, and message traffic. The OmniNet card is dual channel, allowing one card to interface two separate networks. A maximum of 4 cards can be installed into one computer enabling one computer access to 8 networks. As a result, 504 DeviceNet devices can be controlled/monitored from one master control computer. In addition, OmniNet supports drivers for Windows NT and 2000 operating systems.

The OmniNet Interface card provides end-users, system integrators, and OEM's a powerful solution for interfacing DeviceNet networks.



Specifications

Hardware:

Dimensions 125 x 100 mm

Compliant with PCI 2.2

I/O mapped to use 256 bytes only

CAN controllers: Phillips SJA1000 x 2

CAN oscillator frequency - 8Mhz opto-isolated driver circuits with fast opto-couplers

Supports CAN 2.0A and 2.0B (active)

Highspeed ISO 11898 compliant driver circuits

Configuration through PCI Plug-and-Play Interface

5-pin DeviceNet standard open connectors

LED's for power, network errors, and traffic

Software:

Driver routines - 32-bit kernel driver support for Windows NT and Windows 2000

Simple API library for Visual Basic and Visual C++ (compiled with Microsoft Visual Studio 6.0)

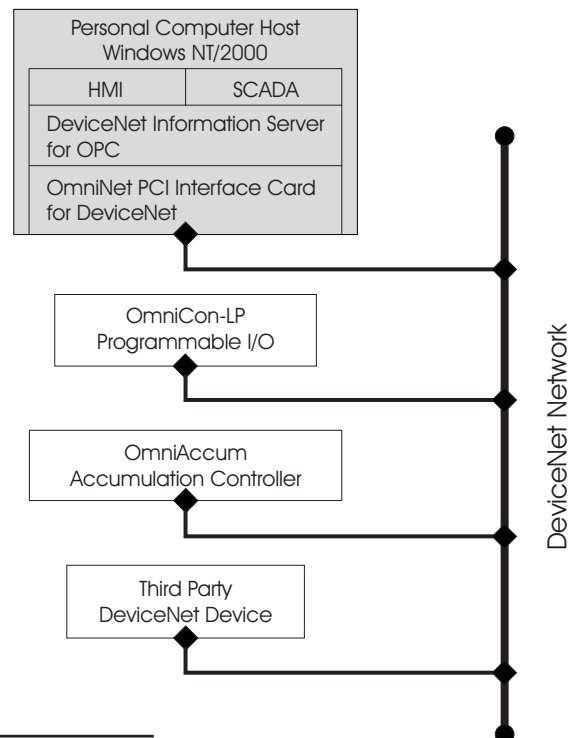
DeviceNet Master Scanner Server for polled messaging

OPC Servers for DeviceNet and other proprietary networks

Supported Platforms:

32-bit programs under Windows NT and 2000

Interface Layers



To order:

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