



- On-board co-processor eliminates data bottlenecks, ensuring delivery of time critical information
- Supports a wide variety of open and vendor specific industrial protocols enabling connectivity to numerous factory automation devices
- Single, protocol independent API structure, and built-in diagnostic tools simplify implementation
- 10/100 Mbps Network Support, client/server modes and compatibility with a variety of Microsoft™ operating systems enables use in a wide variety of applications
- Compact PCI bus format fits most PCs

PC Network Interfaces

While Ethernet NICs are readily available from the corner computer store, those retail products aren't designed to handle the protocols that are often found in a factory application, or meet the processing requirements associated with executing an automation control program. applicom® Industrial Ethernet solution provides high speed deterministic communication between PC applications such as SCADA/HMI/MMI packages, MES, RDBM, Office applications and various PLC manufacturers and I/O modules.

The built-in processor allows the card to be independent of the operating system, perfect for applications where performance is critical (50% more throughput). No more data bottlenecks, slow screens, lost data, and computer lockups!

If you need a wide range of Ethernet connectivity but don't want to learn how to use a multitude of OPC servers, the PCI2000 ETH offers Ethernet communication protocols from most major PLC vendors, delivered under one consistent OPC server. The All-In-One package also includes software interfaces such as DLL, DDE, FastDDE, SuiteLink, and ActiveX. Optional fieldbus and serial ports enable a single PC to communicate with multiple networks.



Protocols

ETHERNET

ETHERNET TCP/IP

- SCHNEIDER ETHWAY (TSX PREMIUM, TSX MICRO, ETC)
- SIEMENS INDUSTRIAL ETHERNET ISO (S5, S7, TF AND TI SERIES)
- ALSTOM SRTP (ALSPA C80-35 AND C80-75)
- AB ETHERNET/IP (LOGIX5550, PLC-5 & SLC-500 SERIES)
- GE FANUC SRTP (90-30 AND 90-70 SERIES)
- MITSUBISHI MELSEC (A AND Q SERIES)
- OMRON FINS (C, CV AND CS SERIES)
- SIEMENS INDUSTRIAL ETHERNET (S5, S7 AND TI505 SERIES)
- SCHNEIDER MODBUS TCP (TSX PREMIUM, TSX MICRO, ETC)
- SCHNEIDER UNI-TE (TSX PREMIUM, TSX MICRO, ETC)
- SEND/RECEIVE ON UDP (FREE MESSAGING)
- DEVELOPMENT TOOLKIT FOR TCP/IP PROTOCOLS

Hardware Specifications

- UNIT: PCI PC BOARD (SHORT LENGTH, SINGLE WIDTH) 175mm X 107mm (6.89" X 4.21")
- PROCESSOR: AMD SC520 - 133 MHZ
- MEMORY: 8 MBYTES DYNAMIC RAM
- APPROVALS: COMPLIES WITH EMC FOR BOTH INDUSTRIAL AND OFFICE USE
- OPERATING TEMPERATURE: 0° C (32° F) UP TO +65° C (149° F)
- ETHERNET PORT: 1 ETHERNET PORT (IEEE 802.3) FOR INDUSTRIAL AND OFFICE USES
10/100BASET (RJ45) OR SIEMENS ITP
FAST ETHERNET 10/100 MBPS
NDIS DRIVER FOR NT 4.0

Note: The network interface card, and the supported protocols must be ordered as separate line items. All protocol drivers are single station licenses. Contact Woodhead Connectivity Customer Service for information on site licenses and serial and fieldbus network options.

PART NUMBER	DESCRIPTION
PCI2000ETH/W32	ETHERNET NETWORK INTERFACE CARD - PCI FORMAT HARDWARE
PC/AB-TCP	ALLEN-BRADLEY PCCC ON TCP/IP
PC/GE-TCP	GE SRTP AND ALSPA PROTOCOLS ON TCP/IP
PC/MB-TCP	MODBUS PROTOCOL ON TCP/IP
PC/OM-TCP	OMRON FINS PROTOCOL ON TCP/IP
PC/TE-TCP	SCHNEIDER UNI-TE PROTOCOL ON TCP/IP
PC/SI-TCP	INDUSTRIAL ETHERNET (SIEMENS S5, S7 AND TI505) PROTOCOLS ON TCP/IP
PC/MI-TCP	MITSUBISHI MELSEC A AND Q PROTOCOLS ON TCP/IP