

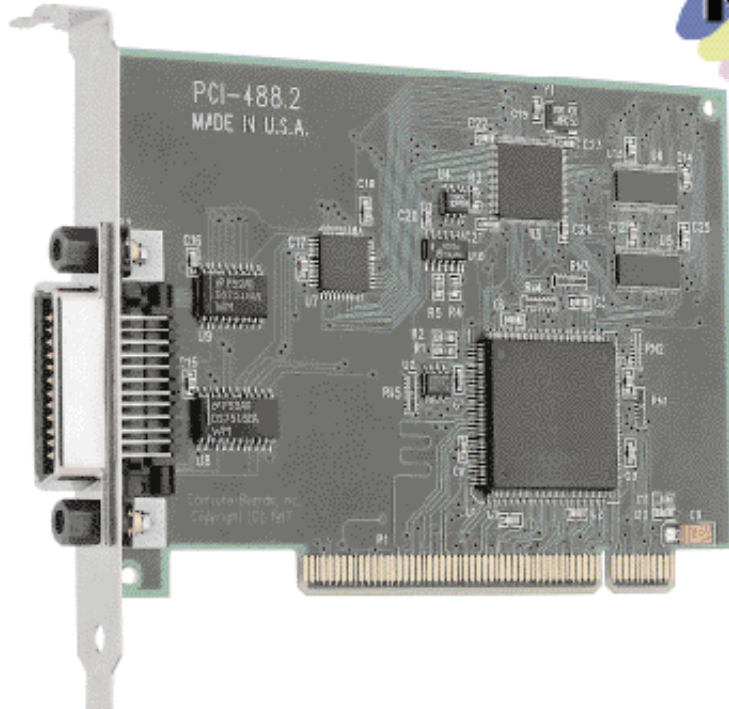
PCI-GPIB High Performance IEEE-488.2 Interface and Driver Software for PCI Bus Computers



\$299



- ✓ IEEE 488.2 Standard Interface
- ✓ Complete Talker/Listener/Controller
- ✓ Industry Standard 32-Bit PCI Bus
- ✓ Data Transfer Rates Over 1Mega Bytes/Sec
- ✓ Includes GPIB-Library Complete Software Support



DESCRIPTION

The PCI-GPIB IEEE-488 interface converts any PCI bus personal computer into an instrumentation control and data acquisition system. Connect up to 14 instruments using standard IEEE-488 cables such as the C488-2M, 2 meter IEEE-488 interface cable. The PCI-GPIB is designed around the new industry standard CB7210.2 GPIB chip.

Greater than 1MB/s Transfer Rates

The PCI-GPIB transfers data over the GPIB at rates in excess of 1 million bytes per second using the maximum IEEE-488 specification cable length (2 meters times the # of devices). A 1024-Word FIFO buffer and the advanced REP-INSW ISR transfer method provide all the horsepower required to achieve the highest possible rates.

Plug & Play - No switches or jumpers

The PCI-GPIB is a true plug and play. Plug in the PCI-GPIB and run the installation software then start communicating. The Plug and Play specification is a standard for system configuration of boards and software that automatically configures the address and interrupt level of the PCI-GPIB. Note, the PCI-GPIB does not use DMA in favor of the superior REP-INSW high speed transfer.

Windows 95, Windows 3.1 and DOS Compatibility

The PCI-GPIB hardware supports all of the operating systems and languages regardless of the operating systems support for plug and play. The installation software will manage resources for you on non-plug and play systems.

GPIB Library

The GPIB Library includes complete Windows Language programming support. You receive installation software and complete DOS, Windows 3.x, Windows95 and Windows NT language drivers.

The GPIB Library for Windows is a Dynamic Link Library (DLL). It can be used with most Windows programming languages including Microsoft Visual C++ and C, Visual Basic, Borland C/C++, Watcom C and Pascal.

The GPIB Library is modeled after the National Instruments Library. As of the time of this writing, the Library is syntactically and functionally identical with the NI-488.2 library. This means that a program written for the NI-488.2 library may be recompiled for the GPIB Library and will compile, run and function without error in exactly the manner it did when compiled and run with the National Instruments software.

SPECIFICATIONS

The PCI-GPIB is compatible with IEEE-488.1 and IEEE-488.2 specifications.

Transfer Rate: >1Mbyte/sec

Power: 5VDC @ 375mA Typical

Dimensions: 5.26 X 3.8 Inches

I/O Connector: IEEE-488 Standard 24 pin

Operating Temp. & Humidity: 0-60°C @ 10-90%

Storage Temp. & Humidity: -40 to 100°C @ 5-90%

To Order (<i>Specify Model Number</i>)		
Model No.	Price	Description
PCI-GPIB	\$299	IEEE-488 controller card for the PCI bus
C-488-2M	59	IEEE-488 interface cable, 2 meters

The PCI-GPIB includes a user's manual and GPIB Library software.

Ordering Example: PCI-GPIB card and C-488-2M cable, \$299 + 59 = \$358.