



PCI-488 PCI Bus IEEE-488 Board
PC-488 ISA Bus IEEE-488 Board



Functional Description

The PC-488, PCI-488 are IEEE-488 interfaces for the PC/XT/AT and PCI bus computers. All boards are fully compliant with the IEEE-488.2 specifications and will operate all IEEE-488 compliant instruments. PCI-488 combines high-speed and easy programming with practical examples that let you complete data acquisition, measurement and analysis tasks faster than ever before. The hardware, software and documentation have all been carefully designed and written to improve your productivity.

Common Features

- Faster data transfers
- Complete IEEE-488.2 compatibility
- Compatible software for easy upgrade
- Compatible with LabWindows, LabView, VIEWDAC, LABTECH NOTEBOOK, TESTPOINT, ASYST...etc.

Applications

- Laboratory automation
- Automated production test

Common Specifications

- Up to 14 device can be connected
- 20 meters standard cable length
- Data transfer rate up to 1M bytes/s
- Follow IEEE488, IEEE488.1, IEEE488.2, SCPI

Additional Specification of PCI-488

- High speed 488SD specification , allows a maximum rate of 5 M bytes/s

PCI-488

Hardware
 PCI-488 works in any computer with one or more PCI slots and controls all 488, GPIB and HP-IB instruments. PCI488 implements all required and optional features of the IEEE-488.2 standard in controller or device mode as a talker and listener. PCI488 hardware is 100% compatible with existing applications currently running on our other IEEE-488 cards.

Software

PCI Plug-and Plug software with auto addressing provides instant-on switchless configuration. All IEEE488.2 functions and commands are supported. These include listen, talk, device clear, group execute trigger, go to local, interface clear, local lockout, parallel poll configure or disable, remote enable, selected device clear, serial poll, pass control, unlisten, and untalk.

- Support Languages
 Basic, Qbasic, Quickbasic, VISUAL BASIC for DOS& windows, Delphi, C, C++, Visual C/C++, Watcom C, Fortran, HPVEE, LABVIEW, TESTPOINT.....etc.
 Universal language driver provides support for languages not listed
- Operating Systems
 DOS, Windows 3.X, 95, and NT OS/2, UNIX
- Additional Features
 Parallel port emulation
 Serial port emulation
 IEEE-488.2 subroutines
 Interactive test utility
 IEEE-488 debug utility
 Data transfer between computers
 Device emulation
 Hardware diagnostics
 Example program library
 Macro command support
 Fast array transfer

Order Description

- PC-488 : ISA bus IEEE-488 board
- PC-488 : PCI bus IEEE-488 board
- CA-GPIB10: IEEE-488 CABLE, 1 Meter Long
- CA-GPIB20: IEEE-488 CABLE, 2 Meter Long
- CA-GPIB40: IEEE-488 CABLE, 4 Meter Long