

PCI-488/PC-488

PCI/ISA bus IEEE 488 board



PCI-488



PC-488

Features

- Faster data transfers
- Complete IEEE 488.2 compatibility
- Compatible software for easy upgrade
- Compatible with LabWindows, LabVIEW, Testpoint, hpVEE...etc.

Functional Description

The PC-488 and PCI-488 provide the IEEE 488 interfaces for PC/XT/AT and PCI bus computers. All boards are fully compliant with the IEEE 488.2 specifications and can connect all IEEE 488 compliant instruments.

PCI-488

Hardware

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

Software

PCI Plug-and Plug software with auto-addressing provides instant-on switch with less configuration. All IEEE 488.2 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, unlisted and untack.

Support Languages

Basic, Qbasic, Quickbasic, VISUAL BASIC for DOS & Windows, Delphi, C, C++, Visual C/C++, Watcom C, Fortran, hpVEE, LabVIEW, TESTPOINT...etc.

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

Applications

- Laboratory automation
- Automated production test

Specifications

- Up to 14 devices can be connected
- Data transfer rate up to 1M bytes/s
- Follow IEEE 488, IEEE 488.1, IEEE 488.2, SCPI
- Dimensions: 140 mm x 100 mm (PCI-488)
130 mm x 85 mm (PC-488)

Ordering Information

Standard

PC-488 : ISA Bus IEEE 488 Board

PCI-488 : PCI Bus IEEE 488 Board

Optional

CA-GPIB10: IEEE 488 Cable, 1m

CA-GPIB20: IEEE 488 Cable, 2m

CA-GPIB40: IEEE 488 Cable, 4m