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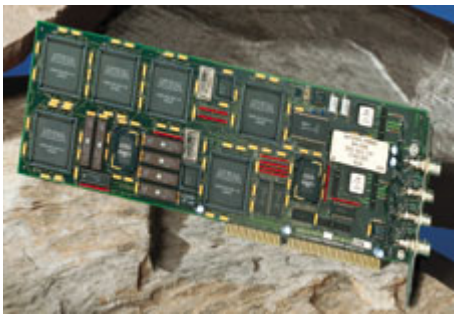
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# PC-1773

# Multi-Function MIL-STD-1773

### Interface for IBM-PC/AT and Compatibles



## FEATURES:

- Conforms to MIL-STD-1773
- Simultaneous emulation of Bus Controller, 31 Remote Terminals and Bus Monitor
- Variable voltage output
- Extensive error injection/detection
- Sub-microsecond time-tagging
- Complete message programmability
- Flexible message status/interrupt generation
- Dual redundant bus support
- High-level API for Windows NT, 95, 3.1 and DOS included
- Optional BusTools/1553 Windows GUI Bus Analyzer
- Multi-level Input/Output triggering and filtering options
- Built-in-Test
- 1300 nm support now available
- 256 KB RAM

## SPECIFICATIONS:

**Physical**

16-bit ISA bus full card: 13.125" x 4.2"

**Environmental**

0 to +70 degrees C Operating Temperature
0 to 90% Relative Humidity (Non-condensing)

**Maximum Power Consumption**

5 VDC: 2.3 A 12 VDC: 230 mA
-12 VDC: 20 mA

**On-board Static RAM**

256 KBytes
Sliding window access (32K, 64K, or 128K)

**Hardware Configuration Options**

Interrupt level (IRQ)
I/O and Memory Addresses Up to four cards per PC

**Connections**

Variable voltage outputs (software controlled)
PC-1773-SMA: four SMA fiber optic
PC-1773-ST: four ST fiber optic
Input and Output Triggers: subminiature coaxial BNC

**System Requirements**

386 or higher processor
Windows NT 3.51 or 4.0, Windows 95, Windows 3.1x or DOS (v5.0 or higher)
640 KB of RAM (8 MB recommended for Windows)

**Software**

High-level API for Windows NT, 95, 3.1x and DOS included
Optional BT-1553 BusTools/1553 Windows GUI Bus Analyzer (works with 1773)

**Available Configurations**

PC-1773-SMA

MIL-STD-1773 Interface board, 256 KB RAM, SMA fiber optic connectors

PC-1773-ST

MIL-STD-1773 Interface board, 256 KB RAM, ST fiber optic connectors

**BusTools is a trademark of Condor Engineering.**
**Specifications subject to change without notice.**

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