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Find the *Excalibur Systems EXC-2000PCI* at our website: *Click HERE*

EXC-2000PCI

The EXC-2000PCI is part of the 4000 family of multiprotocol carrier boards. This PCI interface board supports up to two independent, removable modules. Each module can be any of the 4000 family modules (excluding 1553/1760, H009 and MMSI).

General Features

- Supported Protocols:
  - ARINC-429/575 (5 or 10 ch. per module)
  - ARINC 708/453 (2 ch. per module)
  - Discrete I/O (20 ch. per module)
  - Serial RS485/RS422/RS232 (2 or 4 ch. per mod.)
  - CAN (2, 4, or 6 ch. per module)
- Smaller than Half-size PCI Card
  - (see Dimensions)
- Two high density DB-26 female connectors
- Cost effective compared to the larger
  - EXC-4000PCI carrier board



Physical Characteristics

- Dimensions: 126.6mm (5") x 106.68mm (4.2")
- Weight: 93g (without modules)

Operation Environment

- Temperature: 0°–70°C standard temperature
  -40° to +85°C extended temperature (optional)
- Humidity 5%–90% noncondensing
- MTBF: 560,100 hours at 25°C, G_F, S217F

Host Interface

- PCI compliance: Universal target 8/16 bit
- Memory space occupied: 512 Kbytes
- Interrupts: INTA#
- Power: Depends on configuration. For more details, see the user's manual.

Software Support

- C drivers with source code
- Menu driven software for most of the supported protocols
- *Exalt Plus:* Excalibur Analysis Laboratory Tools for Windows 32/64-bit (optional)
- Additional software may be available on our website

Ordering Information

- **EXC-2000PCI/*xx***
  Multi-protocol interface board for PCI compatible systems

Note: Replace "***xx***" with the carrier board modules ordered. Use the module code specified in the *Module Ordering Information* on our website, or in the *User's Manual* of the board.

- Additional Options:
  - **-E** Extended temperature option
  - **-001** With conformal coating

AVIONICS COMMUNICATION CARRIER BOARD

June 2011, Rev A-2

These specifications are subject to change without notification

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