



### Key Features

- 486 class microprocessor
- 8Mb non-volatile standard, accommodates additional FLASH memory
- 4 communication ports
- CompactPCI™ bus

The Host Processor Module contains a 486 class microprocessor with two cPCI connectors and functions as the cPCI master. The module has 64Mb of RAM and 8Mb of FLASH memory, and can accommodate additional FLASH memory. The module has three configurable DNP3.0, Modbus and Zmodem (RS-232/RS-485) serial ports and one RS-232 service port.

This module has the speed and capacity to obtain measurement information from other modules on the cPCI bus. These measurements can be stored and managed to fill requests for information from a variety of communication interfaces. These communication interfaces can be those integral to this module and from other devices on the cPCI bus.

### Host CPU Board Features

- 486 class microprocessor
- 64Mb of DRAM Memory
- 8Mb of non-volatile FLASH Memory (expandable)
- Internal PC-AT style ISA bus and peripheral set
- Four UARTs
- CompactPCI master bridge

### Serial Driver Board Features

- One RS-232 dedicated serial driver
- Three RS-232/RS-485 serial drivers, software configurable
- The RS-232 drivers support both full and half duplex operation
- Data rates between 9600 and 115200 Baud rate

### Front Panel Features

- One PC-AT style 9-pin-D connector for RS-232 port
- Three universal 150ML removable connector for RS-232/RS-485 ports
- 3 status LEDs
- 4 bi-color serial port LEDs
- Reset button
- Module ejector handle

### Module Chassis Interface

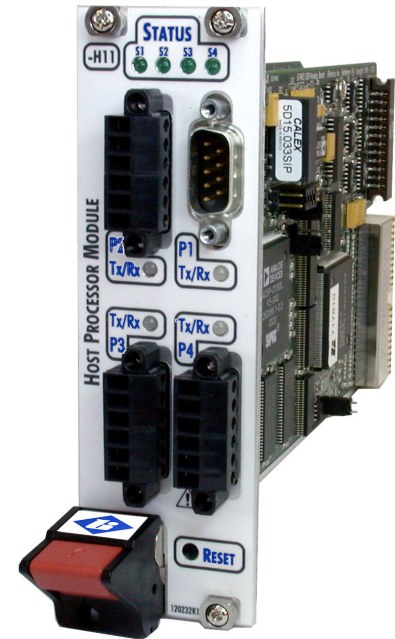
- Two cPCI connectors, 2 mm, hard metric for interface to other modules in chassis
- Complies with CompactPCI version 2.0, supporting 32 bit and speeds to 33MHZ

### Environmental

- -40C to +70C operating temperature
- 0-95% non-condensing relative humidity
- IC III (distribution level), Pollution Degree 2 installation category

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## H11 Host Processor cPCI Module



H11 module shown with optional 32Mb FLASH memory

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