## Features

### General Features

- PC/104 Form Factor
- Low power consumption
- Single, locking and shielded 32-bit CARDBUS slot
- Supports type I, II and III cards
- Stacking PCI and ISA connectors
- Plug-and-Play automatic detection and configuration
- Can be configured to operate in any PCI-slot using DIP-switch
- Onboard +12V programming voltage generation
- High reliability, wide operating temperature range

### CARDBUS PCI-host controller features

- Ricoh R5C486 Cardbus PCI host controller
- Compliant with 16-bit PCMCIA V2.1, JEIDA 4.2 and 32-bit PC-card 95/97/98, Card-32 specifications
- 16-bit legacy mode support
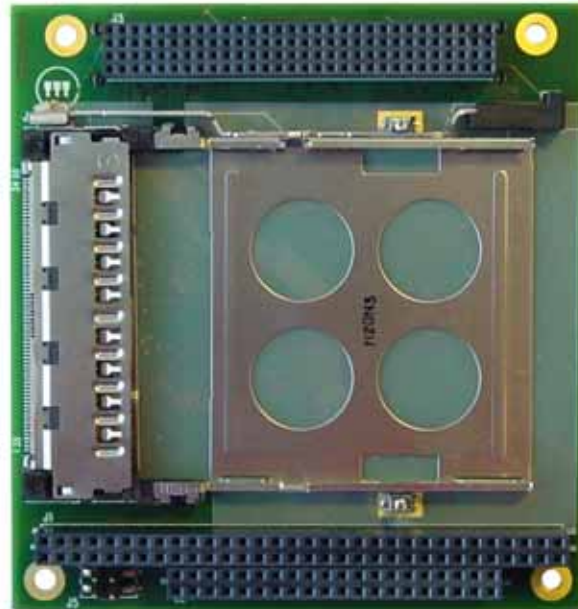- Supports ACPI power management

### Bus Interfaces

- 16-bit bus PC/104 bus connector and 32-bit PCI connector
- AT and PCI interrupts supported
- ISA bus for power and ISA interrupts only
- PCI interface +3.3V (+5V tolerant)
- PCI bus compliant with PCI bus specification 2.1 33MHz
- Compatible with PCI-104 systems

### Operating Systems Supported

- Windows XPE, CE and Linux (no drivers needed)

### RoHS:

- Fully RoHS (2002/95/CE) Compliant



The Eurotech CTR-1462 is a fully RoHS compliant single slot PCMCIA/CARDBUS interface board.

It has been developed to enable designers to incorporate type I, II or III cards. The low power board has combined support for both legacy 16-bit (PCMCIA) and 32-bit (CARDBUS) modules.

Configuration options are maximized by the support of parallel use of ISA and PCI interrupts.

The PCI bus is 3.3V powered and is 5.0V tolerant, both 3.3V and 5.0V cards are capable of being live inserted into the locking slot.

The CTR-1462 features an onboard programmable +12V voltage source that can be used for "in-slot" programming of Flash memory cards.

# CTR-1462

## Physical Characteristics

| | |
|---|---|
| DIMENSIONS | 90 x 96 mm (3.6" x 3.8") |
| HEIGHT | 15 mm (0.6") |
| POWER SUPPLY | Single +5V DC  +/- 5% |
| POWER CONSUMPTION | 70 mA typical (without any card) |
| OPERATING TEMPERATURE | -40 ~ +85 °C |
| HUMIDITY | Up to 90% non-condensing |

## About Eurotech

Eurotech delivers embedded computer systems for high capability and low power applications, networking and wearable computing solutions, application framework middleware for multimedia, industrial, transportation, medical and wireless applications.

Eurotech platforms allow OEM and enterprise customers to focus on their core revenue-generating products and services and get to market quickly.

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