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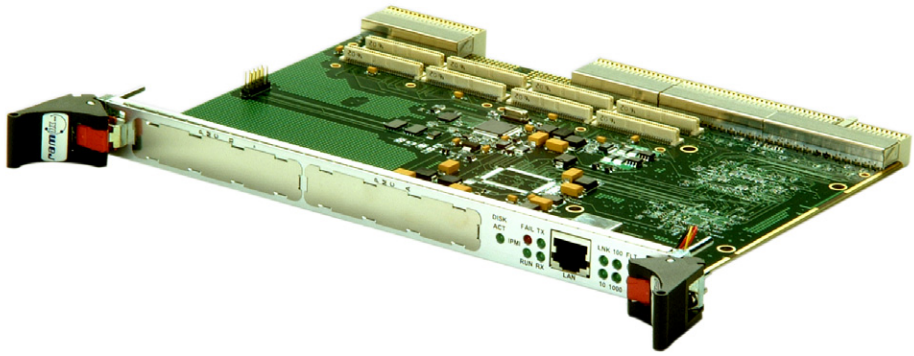
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Find the *Abaco Systems / Ramix CP238-TA* at our website: ***Click HERE***

GE Fanuc
Embedded Systems



CP238

Multi-purpose PMC Expansion Card for CompactPCI®

The CP238 is a 6U CompactPCI form factor card with two PMC slots. In addition to the dual PMC slots, an optional Enhanced IDE/ATA disk can be added onboard and can be used for booting an external CPU. There is also an optional 10/100/1000BaseTX Ethernet port on the module.

Features

- Dual PMC slots
- 32/64 bit wide and 33/66 MHz PCI bus
- Hot Swap full register with Blue Light
- 10/100/1000BaseTX Ethernet Port on the front panel
- Primary and secondary PCI Bus run asynchronously
- Optional onboard hard or flash drive (both PMC slots still available)
- Optional 10/100/1000BaseT Ethernet (both PMC slots still available)
- PMC user I/O routed to the J3/J5 connector of the CompactPCI

The two PMC slots are 32 or 64 bits wide running at 33/66 MHz. For the PMC cards that route the I/O to the rear, the CP238 uses the J3/J5 connector of the CompactPCI for the I/O pins. The secondary side always runs at 66 MHz unless one of the added PMC modules runs at 33 MHz, regardless of the primary side speed. It also offers full Hot Swap register to control the Blue Light.

There is also a standard rear transition card, TRCP238, that has dual PIM sites for the PMC rear I/O.

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CP238 Specifications

Components
- PCI/PCI bridge: Hint HB6
- 10/100/1000 Ethernet: Intel 82544
- IDE Interface: Promise 2026

Power Specifications
- Power (total): TBD
- @3 V: TBD
- @5 V: TBD

Ethernet Characteristics
- Ports
  - — One front panel 10/100/1000 BaseTX
  - — One optional 10/100/1000 BaseT (dual PMC slots still available)

Hot Swap
- Full register with Blue Light

PCI Bus Characteristics
- Signaling: 3 V and 5 V
- Specification: 2.2
- Speed: 33/66 MHz
- Width: 32/64
- Primary and secondary PCI bus run asynchronous

Form Factor
- 6U single slot CompactPCI with dual PMC slots

MTBF
- MIL 217-F Nav Shel 25 Deg. C: TBD

Temperature
- Operating: 0 to +60 C
- Storage: -40 to +85 C

Humidity
- Operating: 5% to 95% noncondensing
- Storage: 5% to 95% noncondensing

Conformal Coating
- Yes, additional charge

Warranty
- 2 years

Ordering Options

CP238	PMC carrier One 10/100 Ethernet connection (front or rear) 66 MHz/64 bit Interface IPMI Hot Swap with ENUM and Blue Light Single slot 6U CompactPCI form factor
CP238/NHS	Same as above without Hot Swap
CP238N	PMC carrier 66 MHz/64 bit Interface IPMI Hot Swap with ENUM and Blue Light Single slot 6U CompactPCI form factor

GE Fanuc Embedded Systems Information Centers

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1 800 322 3616 or 1 256 880 0444

Asia Pacific:
86 10 6561 1561

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Additional Resources

For more information, please visit the GE Fanuc Embedded Systems web site at:

www.gefanuc.com/embedded

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