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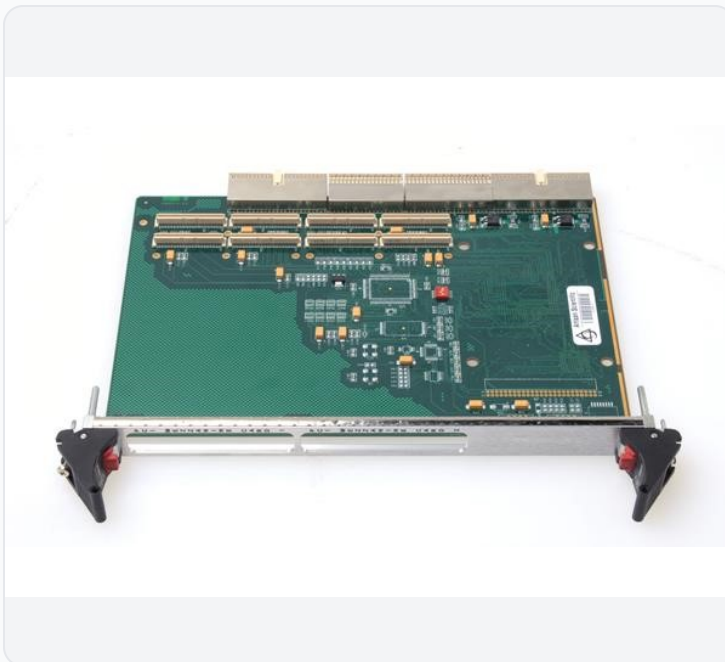
Data Sheet

August 15, 2026

ABACO SYSTEMS / RAMIX

Abaco Systems / Ramix CP237/DP Multipurpose cPCI PMC Carrier

The Abaco Systems / Ramix CP237/DP is a 6U CompactPCI PMC carrier that expands system capabilities by hosting two standard PMC modules in a single chassis slot. This multipurpose carrier routes PMC I/O signals to J3 and J4 CompactPCI rear connectors, enabling seamless integration of peripheral modules into larger cPCI architectures. The card supports 64-bit PCI interfaces on both PMC slots and operates the secondary PCI bus at 66MHz when optional disk, Ethernet, and serial components are not populated. The CP237/DP incorporates PICMG-compliant hot-insertion capability for applications requiring minimal downtime. Optional features include Enhanced IDE/ATA disk controller supporting Solid State Drives up to 440 Mbyte capacity, FLASH storage for boot-time system drivers, 10/100Base-TX Ethernet, and RS232 serial connectivity. Power consumption is 1.5W. Typical Applications Data acquisition



MODEL

**Abaco Systems /
Ramix CP237/DP**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

CP237/DP

LISTING

<https://aumictechlabs.com/products/cp237-dp-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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integration of peripheral modules into larger cPCI architectures. The card supports 64-bit PCI interfaces on both PMC slots and operates the secondary PCI bus at 66MHz when optional disk, Ethernet, and serial components are not populated. The CP237/DP incorporates PICMG-compliant hot-insertion capability for applications requiring minimal downtime. Optional features include Enhanced IDE/ATA disk controller supporting Solid State Drives up to 440 Mbyte capacity, FLASH storage for boot-time system drivers, 10/100Base-TX Ethernet, and RS232 serial connectivity. Power consumption is 1.5W.

Technical Specifications

Form Factor: 6U CompactPCI

PMC Slots: 2 with 64-bit PCI interface

PCI Bus Speed: 66MHz (secondary bus, components removed)

Disk Interface: Enhanced IDE/ATA with SSD support up to 440 Mbyte

Optional Ethernet: 10/100Base-TX

Optional Serial: RS232

Power Consumption: 1.5W

Storage Temperature: -40°C to +80°C

Relative Humidity: 5% to 95% (non-condensing)

Key Features

- Hot-insertion capability compliant with PICMG specifications
- Rear I/O routing via J3 and J4 connectors for PMC modules with external signaling
- Support for 32/64-bit PMC modules per IEEE 1386
- PMC front panel and rear access signaling
- Optional FLASH storage for driver persistence during boot
- Single-slot cPCI chassis occupancy

Typical Applications

- Data acquisition expansion in CompactPCI systems;
- embedded storage boot configurations;
- legacy PMC module integration requiring modern cPCI infrastructure.

Compatibility & Integration

Designed for 6U CompactPCI backplanes. Supports standard IEEE 1386 PMC modules with 32/64-bit capability. Software environment: VxWorks. Occupies one slot in target cPCI chassis.

CP237DP Characteristics / Specifications

PARAMETER	VALUE
Model	CP237
Also Known As	CP237/DP
Instrument Type	6U CompactPCI dual PMC carrier
Mechanical Package	6U CompactPCI
Pmc Sites	2
Pmc Width	64-bit
Pci Speed	66 MHz capable when disk Ethernet and serial are depopulated
Rear Io	PMC rear I/O routed to CompactPCI J3 and J4
Hot Swap	hot insertion capability
Ethernet Option	10/100Base-TX
Serial Option	RS-232 port
Disk Option	optional rotating or flash IDE/ATA for boot/storage
Manufacturer	Abaco Systems / Ramix / GE Fanuc
Family	CP237 multipurpose cPCI PMC carrier
Part Number Example	14-2000C00
Bus	CompactPCI 64-bit expansion
Application Class	PMC expansion in cPCI systems
Dp Variant	CP237/DP depopulated or dual-PMC configuration of the same carrier
Reliability	hot insertion for rapid servicing
Secondary Bus	onboard secondary PCI to the two PMC sites
Io Routing	front PMC bezel plus rear J3/J4
Host Slot	6U CompactPCI slot
Related Adapter	PMC239/F PCI-to-PMC adapter is a separate Ramix product

CP237DP Specifications

PARAMETER	VALUE
Abaco Ramix CP237 6U CompactPCI Dual PMC Carrier	Overview
Applications	Hosting two PMC I/O or processor mezzanines in a 6U CompactPCI slot with optional onboard disk and Ethernet.
Key Features	Two 64-bit PMC sites on 6U cPCI
Hot insertion	Optional 10/100 Ethernet RS-232 and disk
Technical Specifications	Model: CP237

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Related Adapter	PMC239/F PCI-to-PMC adapter isaseparate Ramix product
Notes	
From Abaco/Ramix CP237 6U CompactPCI dual-PMC carrier product literature. Confirm whether Ethernet, serial,	

and disk options are populated; 66 MHz requires those options depopulated. CP237/DP is the same carrier family.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.