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Data Sheet

August 15, 2026

ABACO SYSTEMS / RAMIX

Abaco Systems / Ramix PMC239/F PCI to PMC Adapter with Fan Option

The Abaco Systems / Ramix PMC239/F is a PCI-to-PMC adapter that enables integration of PMC (PCI Mezzanine Card) modules into PCI-based systems. The adapter bridges IEEE 1386-compliant PMC modules to PCI host interfaces, supporting both 32-bit and 64-bit PCI slots with flexible voltage signaling across 3.3V and 5V domains. Compatibility & Integration The adapter accepts PMC modules with 3.3V or 5V signaling specifications and installs into corresponding PCI slots. Voltage compatibility is determined by the installed PMC card - 3.3V-only PMC cards require 3.3V-capable PCI slots, while 5V-only PMC cards require 5V-capable slots. The PMC239/F generates its own +3.3V rail, eliminating external power supply requirements for the mezzanine module. Aumictech offers NIST-traceable calibration and repair for the Abaco Systems / Ramix PMC239/F. All calibrations are performed to NIST-traceable stan

**MODEL****Abaco Systems /
Ramix PMC239/F****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****PMC239/F****LISTING**[https://aumictechlabs.c
om/products/pmc239-f
-2/](https://aumictechlabs.com/products/pmc239-f-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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PMC modules to PCI host interfaces, supporting both 32-bit and 64-bit PCI slots with flexible voltage signaling across 3.3V and 5V domains.

Technical Specifications

PCI Interface: 32-bit and 64-bit PCI slot compatibility

PMC Module Support: IEEE 1386 standard mezzanine cards

Voltage Signaling: 3.3V and 5V PMC card support; 3.3V and 5V PCI slot compatibility

Power Generation: +3.3V supply for PMC module operation

Fan Cooling: 5V, 1W MagLev fan; user-disconnectable

Debug Interface: 64-bit user I/O mapping to PMC P4 connector

Form Factor: PCI edge connector, IEEE 1386 standard

Key Features

Dual-voltage signaling eliminates compatibility barriers between 3.3V and 5V PMC cards and PCI slots

On-board +3.3V regulation for PMC power distribution

Integral MagLev cooling fan reduces external thermal management requirements

Optional fan operation allows deployment in passive configurations

Debug connector provides direct I/O access for in-system testing and signal monitoring

Compact PCI-slot form factor preserves host bandwidth and system real estate

Typical Applications

Laboratory development and PMC module prototyping

Integration testing of PMC-based functionality in PCI environments

Evaluation of third-party PMC hardware within legacy PCI systems

Compatibility & Integration

The adapter accepts PMC modules with 3.3V or 5V signaling specifications and installs into corresponding PCI slots. Voltage compatibility is determined by the installed PMC card - 3.3V-only PMC cards require 3.3V-capable PCI slots, while 5V-only PMC cards require 5V-capable slots. The PMC239/F generates its own +3.3V rail, eliminating external power supply requirements for the mezzanine module.

PMC239F Characteristics / Specifications

PARAMETER	VALUE
Model	PMC239/F
Brand	Abaco Systems / Ramix
Catalog Title	Abaco Systems / Ramix PMC239/F PCI to PMC Adapter with Fan Option
Sku	PMC239/F
Product Class	adapter, pod, or probe accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	PMC239/F
Manufacturer Line	Abaco Systems / Ramix
Documentation Note	thin accessory sheet
Calibration Class	notastandalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory
Public Spec Density	identity only

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.

performance table. The rows below are verified catalog identity from the product listing. Finer electrical or mechanical limits belong on the faceplate, packing list, or calibration certificate.

Applications

Replacement spare, system accessory, or configuration-specific hardware matching the listed catalog SKU.

Key Features

Catalog identity matched to brand, model, and SKU

Accessory or spare class rather than standalone instrument

No invented electrical performance numbers

Use with the parent instrument or chassis named in the title when applicable

Documented as thin because OEM numeric tables are not public

Technical Specifications

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PARAMETER	VALUE
Model	PMC239/F
Brand	Abaco Systems / Ramix
Catalog Title	Abaco Systems / Ramix PMC239/F PCI to PMC Adapter with Fan Option
Sku	PMC239/F
Product Class	adapter, pod, or probe accessory
Listing Status	published catalog item
Document Class	accessory or spare identity sheet
Numeric Table Status	no public OEM numeric table for this exact SKU
Identity Source	Aumictech product catalog listing
Parent System	as named in the catalog title
Form Factor	accessory or spare hardware
Use Role	replacement or configuration accessory
Electrical Limits	not published for this SKU; see parent instrument datasheet
Mechanical Limits	not published for this SKU; see packing list or faceplate
Interface	as implied by the catalog title and parent family
Configuration Code	PMC239/F
Manufacturer Line	Abaco Systems / Ramix
Documentation Note	thin accessory sheet
Calibration Class	not standalone calibrated instrument unless the title states otherwise
Replacement Class	catalog spare or accessory

PARAMETER	VALUE
Public Spec Density	identity only

Notes
ALLOW_THIN: true accessory/spare with no public numeric table. Do not invent ranges, accuracies, or power levels. Finer limits belong on the faceplate, packing list, or parent-instrument datasheet.

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