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Full-service, independent repair center
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Find the *Abaco Systems / Ramix PMC243* at our website: *Click HERE*

1672 Donlon Street, Ventura, CA 93003
Tel (805) 650-2111 • Fax (805) 650-2110 • www.ramix.com

PMC243 High Capacity Disk, PMC Form Factor



Product Configurator

Software Media Kit

Functional Specifications

- Boot and run any OS in a single slot
- PCI 32bit at 33/66Mhz
- Rotating Media from 10GB to 40GB
- Flash disk from 32MB to 2GB
- Flash option available in Industrial Temperature
- Alternative to costly SCSI legacy
- Fast read/write performance
- Compact and extremely rugged
- Drivers for most popular RTOS and UNIX environments

The PMC243 family of embedded disk modules offers a totally new, high performance, low cost option for file system and boot storage. Combining high performance controllers developed for high end workstations with disk technology used in laptops, the PMC243 embedded disk module delivers very high data rates in a compact form factor implemented with components designed for physically demanding environments. With the PMC243 "single slot", computing solutions do not need to compromise on either capacity or performance. In addition, card edge PCI systems can be accommodated using RAMIX's PMC239 adapter for rapid prototype and development.

The PMC243 is fully PMC compliant, meeting all mechanical, electrical and protocol specifications. Disk capacities from 10GB to 32GB (rotating media) and from 32MB to 2GB (Flash) are supported.

The PCI controller on the PMC243 makes full and efficient use of the PCI bandwidth. FIFO buffers allow effective use of PCI burst modes, critical to achieving low PCI overheads. The PMC243 can execute data transfers at full PCI bus speeds. The PMC243 will mount on any PMC location (either directly on a processor card or on a PMC carrier board).

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Functional Specifications

On the disk side, the controller can support 66Mbyte/second transfers to the disk (4 to 6MB burst for Flash), compatible with the most aggressive disk drives

Utilizing disk drives developed for high end laptops provide two benefits:

- access to rapidly evolving capabilities in both capacity and transfer performance
- integration with environmental requirements that are more stringent than general purpose processor environments

Software support

RAMIX provides full software support for all the popular software environments (e g VxWorks, LynxOS, Windows NT, Solaris etc) Each driver has been developed specifically for the real time data acquisition market

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

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Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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