

## Educational Videos



[FPGA Design for Flexible, High-Speed I/O Control](#)



[VPX PMC/XMC Carrier Card Compatibility: 7 Questions to Ask](#)

## Want a Brochure?



**NEW**  
We'll mail you a copy of our latest product selection guide. [click here](#)

## Extended Warranty

# 7 YEAR WARRANTY

## Quick Links

[Acromag Home](#)

[Embedded I/O Boards](#)

## Dear Engineer,

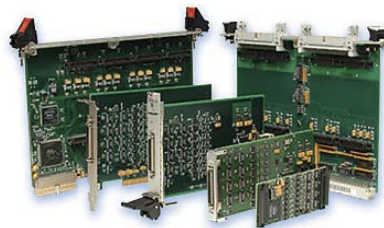
Do you need I/O processing for your next embedded computing project? Then look no further than Acromag. We offer hundreds of boards, carrier cards, and mezzanine modules to perform a broad range of I/O functions on VME, PCI, and CompactPCI platforms.

For more information, call our sales engineers at 248-295-0310 to discuss your application or request a quote.



## Analog I/O, Digital I/O, Counter/Timers, Serial Communication, and FPGA Computing

With more than 200 models available, contact Acromag first for help in finding the best solution to meet your requirements. Our [embedded I/O boards](#) and mezzanine modules are ideal for a wide variety of embedded computing and high-performance control systems. Acromag I/O boards offer an unmatched balance of features, performance, and price for the best values in embedded I/O.



## I/O Functions

- ◆ A/D, D/A
- ◆ Discrete level monitoring/control
- ◆ Event Counting
- ◆ Wave/Pulse Timing
- ◆ RS232/422/485 Communication
- ◆ Custom logic
- ◆ Custom signal processing

## Mezzanine Modules and Carrier Cards

- ◆ PMC
- ◆ XMC
- ◆ Industry Pack
- ◆ VME 3U/6U
- ◆ PCI Full/Half-Length
- ◆ CompactPCI 3U/6U

## Managed Product Life-Cycles

Great lengths are taken to accommodate OEM and military customers that demand stable designs with long product life cycles. We design for an expected life cycle of ten years or more through careful selection of parts and the availability of second-source suppliers. When necessary, Acromag has made "lifetime" buys of discontinued parts to ensure we can supply our existing customer base for years into the future. In other cases, Acromag has redesigned boards to maintain form, fit, and functional equivalency.

## Extended Temperature Ranges

Most products are available with -40 to 85°C operating ranges. Some carrier cards and FPGA modules are designed for use in conduction-cooled systems.

## Extensive Hardware and Software Support

To speed development and deployment of your embedded system, Acromag provides a full line of support products. Termination panels, adapters and cables simplify field I/O connections. C libraries with source code provide example function routines quickly get you interfacing with your I/O boards.

[FPGA Modules](#)

[Industrial PCs](#)

[Sales Offices](#)

## White Paper: FPGAs for Speed and Flexibility

Learn about FPGA-based system design for embedded computing I/O signal processing applications. This white paper discusses how Advanced Xilinx Virtex and Altera Stratix FPGAs make use of multiple digital clock managers and simultaneous parallel execution to rapidly compute a set of integrated processes including FFT, SERDES, FIFO management, logic sequencing, DDR control, and more. With integrated I/O and enablers such as a soft CPU and IP cores, plus tools such as Xilinx ISE, Altera Quartus, SimuLink, and MathLab; the FPGA can process logic much faster than any real-time system with less effort than ever before. Download [FPGAs for Speed and Flexibility White Paper](#)



 SUBSCRIBE TO NEWSLETTER



## Acromag on the Road

**Show:** [Real-Time and Embedded Computing Conference](#)

**Location:** Melbourne, FL

**Date:** February 16, 2012



**Show:** [Embedded World 2012 Exhibition & Conference](#)

**Location:** Nuremberg, Germany

**Date:** February 28 - March 1, 2012



[See our complete event schedule](#)

## More Resources

I/O Server Industrial PC Overview, 6 pages, [Download now](#) (1MB)

Embedded I/O Product Summary Guide, 16 pages [Download now](#) (1.5MB)

FPGA I/O Product Summary Guide, 20 pages [Download now](#) (1.5MB)

Prefer to have brochures mailed to you? Fill out our [on-line form](#) for a quick response.

Embedded I/O Solutions Catalog, 187 pages, [Download now](#) (22MB)

[Resource library](#) of white papers, educational videos, and application notes.

Visit [www.acromag.com](http://www.acromag.com) to check pricing, download manuals and application notes, find your local representative, and much more.

Check out all of our newest [News/Events](#).

For more information contact Acromag's sales department at 877-295-7082 or send

an email to [solutions@acromag.com](mailto:solutions@acromag.com).

**Sincerely,**



Acromag Marketing Communications Department