ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Acromag / Xembedded / Xycom AP408* at our website: *Click HERE*

AcroPacks® = SWaP-C

Acromag
THE LEADER IN INDUSTRIAL I/O



Embedded Solutions for the Next 25 Years

Acromag Redefines SWaP-C With Our New AcroPack® I/O Platform

Industrial / Military Ready mPCIe-based Mezzanine Modules

The AcroPack® product line updates our popular Industry Pack I/O modules by using the mPCIe interface format. We added 19mm and a 100 pin connector to provide up to 50 isolated rear I/O signals, giving you a tremendous amount of capability on an ***Extremely Small Footprint - Without Cabling!***

Designed for COTS applications, these general purpose I/O modules deliver high-speed and high-resolution A/D and D/A, digital I/O, counter/timers, communication (Ethernet, serial, MIL-STD-1553) and reconfigurable FPGA functions.

Whether it's server-based lab activities or ship-based test systems, contact Acromag to discuss how AcroPacks can help you with tomorrow's applications, today.

Size = 70mm x 30mm

Weight = .05 oz. avg

and

Power = <5 watts per module

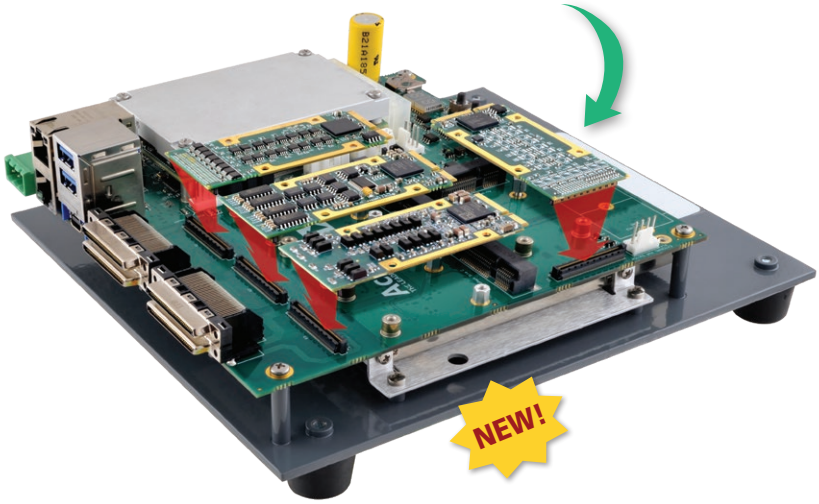
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Cost = Starting at $395

Key Features Include:

- A/D, D/A, digital I/O, counter/timers, communication (Ethernet, Serial, MIL-STD-1553), and reconfigurable FPGA options
- Low-power consumption
- Solid-state electronics
- -40 to 70°C standard operating temperature
- Conduction-cooled option available
- Mix and match I/O combinations in a single slot by using our CompactPCI® Serial, Mini-ITX Com Express Type 10, PCIe, XMC or VPX carriers

*AcroPack modules **snap** onto AcroPack carriers, **eliminating** messy ribbon cables.*



*These modules are just **70mm** long.*

ISO9001
AS9100
MADE IN USA

Visit Acromag.com/AcroPacks TO LEARN MORE

Tel: 844-878-2352 ■ solutions@acromag.com ■ www.acromag.com ■ 30765 Wixom Rd, Wixom, MI 48393 USA

Bulletin #8400-906k

AcroPack Series Selection Guide

Series Number	Inputs	Outputs	Comments
Analog Modules			
AP220 / AP231		16 channels	12-bit / 16-bit DAC; -40 to +85°C
AP225 / AP235		16 channels	12-bit / 16-bit DAC with waveform memory; -40 to +75°C
AP226 / AP236		8 isolated channels	12-bit / 16-bit DAC; -40 to +85°C
AP323	High-density; 20 differential or 40 single-ended channels		16-bit ADC; -40 to +85°C
AP341	Eight simultaneous sample-and-hold channels		14-bit ADC; -40 to +85°C
AP342	Six simultaneous isolated channels		14-bit ADC; -40 to +85°C
Digital Modules			
AP408	32 bidirectional high-voltage channels		TTL, 0 to 60V DC; -40 to +85°C
AP418	16 channels		Source/sink; -40 to +85°C
AP441	32 isolated channels		-40 to +85°C
AP445		32 isolated bipolar solid-state relays	0 to ±60V voltage range; -40 to +85°C
AP471	48 bidirectional channels, TTL	48 bidirectional channels, CMOS	0 to 5V DC; -40 to +85°C
Counter/Timer Modules			
AP482 / AP483 / AP484	Ten TTL channels / Five TTL and three RS422 channels / Six RS422 channels		32-bit; -40 to +85°C
Communication Modules			
AP500 / AP520	Four / eight RS232 ports		256-byte FIFOs; -40 to +85°C
AP512 / AP513	Four isolated asynchronous, full duplex RS232 / RS422B serial ports (supports RS485)		256-byte FIFOs; -40 to +85°C
AP522	Eight RS422/485 asynchronous serial ports		256-byte FIFOs; -40 to +85°C
AP560	Four isolated CAN channels		-40 to +71°C
AP570	One dual redundant MIL-STD-1553 communication channel		Single or multi-function options; -40 to +85°C
AP580	Single Ethernet port		1Gb Ethernet with optional PoE; -40 to +70°C
Reconfigurable Xilinx® FPGA Modules			
APA7-501 / 502 / 503 / 504	48 TTL / 24 RS485/422 / 24 TTL & 12 RS485/422 / 24 LVDS channels. 52k logic cells.		Artix-7®, -40 to +85°C
APZU-301 / 303 / 304	28 TTL / 20 TTL and three RS485/422 / 14 LVDS channels. Up to 154k logic cells.		Zync® Ultrascale + MPSoC. Dual-core ARM Cortex A53-based application professor unit (APU).
Multi-function Modules			
AP730	16 bidirectional digital I/O, one multi-funciton 32-bit counter/timer. Eight analog diffferential inputs, four analog outputs.		
Carrier Cards			
ACEX4041	COM Express Type 10 Mini ITX, holds four AP modules. Front panel I/O		Development Lab System option, -40 to +85°C
APCe7012 / 22 / 40 / 43	PCI Express carrier; holds up to four AP modules	Front panel I/O	APCe7043 is 3/4-length ; -40 to +85°C
ACPS3310 / 20	3U CompactPCI Serial carrier; holds two AP modules	Front *or* rear panel I/O	Isolated, -40 to 85°C
VPX4500	3U VPX Bus carrier; holds three AP modules	Front *or* rear panel I/O	Air or conduction-cooled options; -40 to +85°C
VPX4520 / 21	6U VPX Bus carrier; holds four AP modules and one XMC module	Front *or* rear panel I/O	Air or conduction-cooled options; -40 to +85°C
XMCAP2020 / 21 / 22	XMC carrier; holds two AP modules	Front *or* rear panel I/O	Air cooled; -40 to +70°C
Software Support			
APSW-API-VXW / WIN / LNX	VxWorks™ software support package / Windows® DDL driver software support package / Linux® support (website download only)		

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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

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

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

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

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We're here to make your life easier. How can we help you today?

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