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

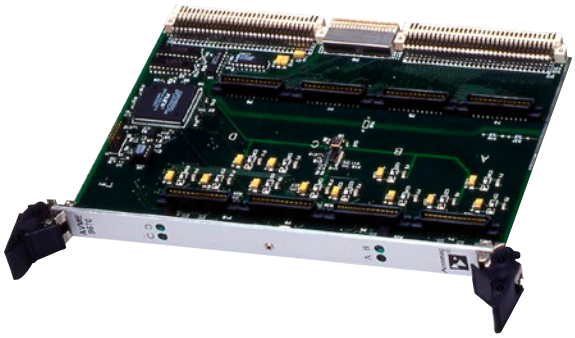
All trademarks, brand names, and brands appearing herein are the property of their respective owners.

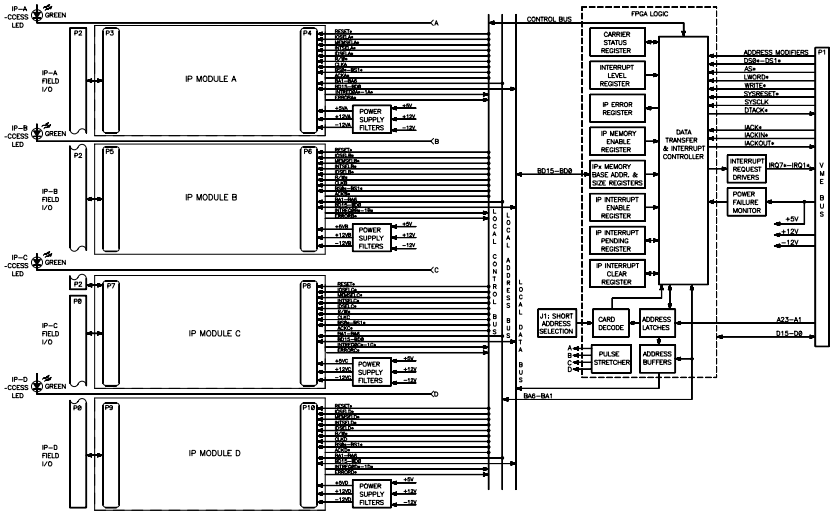
Find the *Acromag AVME9670* at our website: *Click HERE*

Industry Pack Carriers

AVME967x VME64 6U, Non-intelligent, IP Carrier Cards

24 HOUR STOCK ITEM — 2 YEAR WARRANTY





Holds four IP modules ◆ VME64 high-density rear connectors ◆ Geographical or user-defined addressing

Description

The AVME9670 and AVME9675 are non-intelligent slave boards that interface up to four IP modules to the VMEbus. The only difference is that the AVME9675 adds fully implemented geographical addressing. Both are full-height (6U) IP carrier cards that use VME64-compliant connectors to increase the quantity of rear I/O connections beyond that of standard VME.

When used with a VME64 backplane, the AVME9670 brings all 200 I/O points out the rear P0 and P2 connectors. This convenience eliminates messy cables from hanging out the front of the cage. In addition to a cleaner cage design, it is also much easier to insert and replace boards into the system.

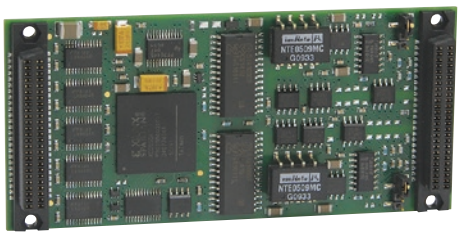
Acromag's carrier boards provide full data access to the IP module's I/O, ID and memory spaces. With full access to the programmable registers, you can easily configure and control the operation of the IP modules from the VMEbus.

Up to two interrupt requests are supported for each IP module. The VMEbus interrupt level is software programmable.

Individual passive filters on each IP module power supply line provide optimum filtering and isolation between the IP modules and the carrier board.

Key Features & Benefits

- Four industry-standard IP module slots (two IP slots on AVME9675-2 models)
- 200 I/O points with rear access
- VME64x high-density rear connectors
- Full geographical addressing (AVME9675 only)
- Two interrupts per IP module
- Individually filtered and fused power to each IP
- Front panel status LEDs



See www.acromag.com/industrypack for Industry Pack modules

Acromag
THE LEADER IN INDUSTRIAL I/O

Tel 248-295-0310 ■ Fax 248-624-9234 ■ solutions@acromag.com ■ www.acromag.com ■ 30765 Wixom Rd, Wixom, MI 48393 USA

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

Industry Pack Carriers

AVME967x VME64 6U, Non-intelligent, IP Carrier Cards

Performance Specifications

IP Compliance (ANSI/VITA 4)

Meets IP specifications per ANSI/VITA 4-1995 and ANSI/VITA 4.1-1996 for I/O mapping.

Electrical/mechanical interface:
Supports single or double size IP modules.
32-bit IP modules are not supported.

I/O space and ID space supported.

Memory space: Supports 1MB to 8MB per IP module.

Interrupts: Supports two interrupt requests per IP module and interrupt acknowledge cycles, D16/D08(O).

VMEbus Compliance

Meets VME64 specifications per ANSI/VITA 1-1994 and VME64x specifications per ANSI/VITA 1.1-1997.

Data transfer bus: A24/A16:D16/D08(EO) DTB slave; supports Read-Modify-Write cycles.

Interrupts: Creates I(1-7) programmable request levels (up to two requests sourced from each IP module). Supports D16/D08(O) round-robin hardware interrupt prioritization of IP sources. Carrier registers support interrupt control and status monitoring. Interrupt release mechanism is Release on Register Access (RORA) type.

Physical

Physical Configuration
Length: 9.187 inches (233.3 mm).

Width: 6.299 inches (160.0 mm).

Board Thickness: 0.062 inches (1.59 mm).

Max Component Height:.0.550 inches (13.97 mm)

Recommended Card Spacing:.0.800 inches, (20.32mm)

Connectors
P1 & P2 (VME64x bus):.DIN 41612 160-pin Type C, Level II.

P0 (VME64x bus): J3 Type B, Right-Angle Female 95-contacts, withupper ground shield.

P3,5,7,9 (IP Field I/O): 50-pin male plug header (AMP 173280-3 or equivalent).

P4,6,8,10 (IP Logic Interface): .50-pin male plug header (AMP 173280-3 or equivalent).

Environmental

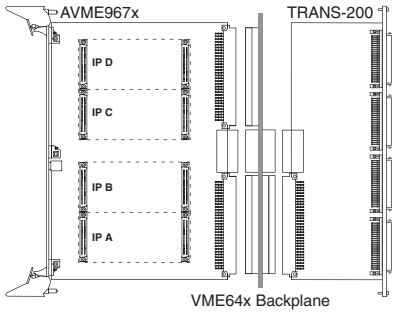
Operating temperature
0 to 70°C (AVME9670/75)
or -40 to 85°C (AVME9670E/75E models).

Storage temperature
-25 to 85°C (AVME9670/75)
or -40 to 85°C (AVME9670E/75E models).

Relative humidity
5 to 95% non-condensing.

Power
+5V (±5%): 525mA maximum.
±12V (±5%): 0mA (not used).
Plus IP module load.

MTBF
474,104 hrs. at 25°C, MIL-HDBK-217F, notice 2.



Ordering Information

Carrier Card

AVME9670
VME64x 6U carrier, user-defined addressing.
Holds four IP modules.

AVME9670E
Same as AVME9670 plus extended temperature range.

AVME9670-2
Same as AVME9670 except it holds two IP modules (no P0 connector).

AVME9670-2E
Same as AVME9670-2 plus extended temperature range.

AVME9675-4
Same as AVME9670 plus geographical addressing.
Holds four IP mdules.

AVME9675-4E
Same as AVME9675-4 plus extended temperature range.

AVME9675-2
Same as AVME9675-4 except it holds two IP modules (no P0 connector).

AVME9675-2E
Same as AVME9675-2 plus extended temperature range.

Accessories

5028-438
Cable, SCSI-2 to SCSI-2, shielded.

5028-378
Termination panel, SCSI-2 connector, 50 screw terminals

TRANS-200
Transition module

IP Modules

See www.acromag.com for more information.

Software Development Tools

See www.acromag.com for more information.

MADE IN USA ISO9001 AS9100

Acromag® THE LEADER IN INDUSTRIAL I/O

Tel 248-295-0310 ■ Fax 248-624-9234 ■ solutions@acromag.com ■ www.acromag.com ■ 30765 Wixom Rd, Wixom, MI 48393 USA

All trademarks are property of their respective owners. Copyright © Acromag, Inc. 2007/2012. Data subject to change without notice. Printed in USA 3/2012.

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

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.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

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

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

ARTISAN® TECHNOLOGY GROUP