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.

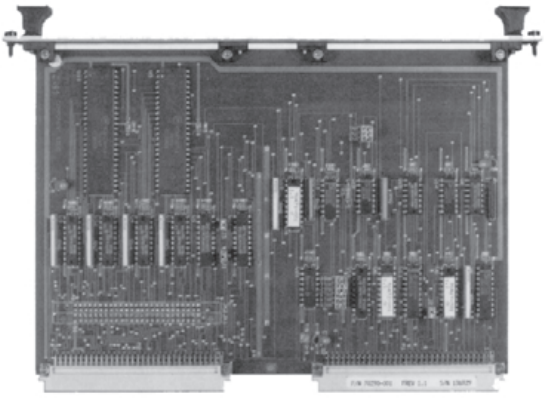
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

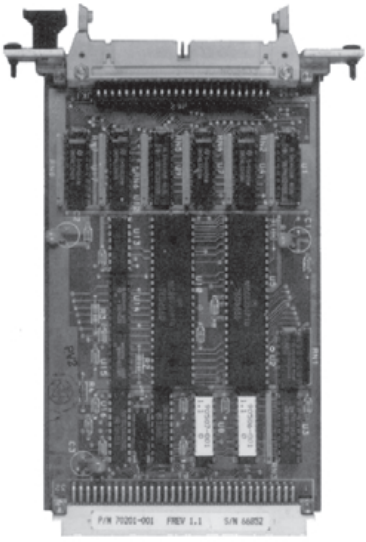
All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Find the *Acromag / Xembedded / Xycom XVME-290* at our website: ***Click HERE***

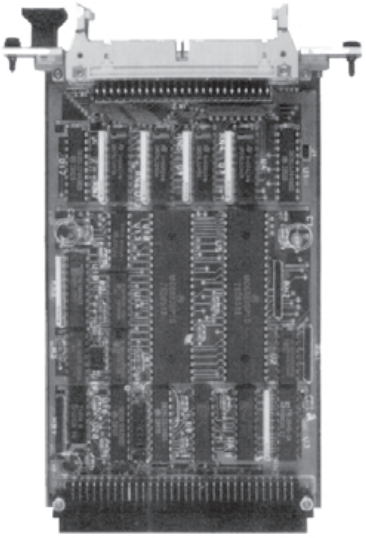
XVME-200/201/290
Digital I/O Modules



XVME-290



XVME-201



XVME-200

Features

- Low-cost digital I/O
- 68230 PI/T chips
- Buffered inputs and outputs
- Handshaking
- VMEbus interrupts
- Two 24-bit timers

Applications

- Printers
- Thumbwheel switches
- OPTO 22 I/O
- Computer interface

Overview

The XVME-200 and 201 are single-high VMEbus-compatible Digital I/O Modules. The XVME-200 provides a VMEbus system with 32 channels of TTL-level I/O, as well as two 24-bit timer devices. The XVME-201 provides 48 channels.

The XVME-200 contains two 68230 Parallel Interface/Timer (PI/T) devices with VMEbus interrupt capability. The direction of the I/O signals from the PI/T devices is software-selectable as four independent 8-bit ports. All inputs and outputs from the XVME-200 are buffered. The pinout of the front panel connectors are compatible with OPTO 22-style signal conditioning equipment.

For applications not allowing I/O to be routed out the front panel, the XVME-290 offers a 6U form factor which is the same functionality as the XVME-200, and the I/O is routed via the VMEbus P2 connector on the back of the board.

© Xycom Automation

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

Electrical Specifications

Number of Channels 32 or 48

Parallel Device 68230 (two)

Input Characteristics

V_{il} = 0.8 V max..
I_{il} = -750 µA max.
V_{ih} = 2.0 V min.
I_{ih} = -325 µA max.

Output Characteristics

V_{ol} = 0.4 V max., I_{oh} = 12 mA
V_{ol} = 0.5 V max., I_{oh} = 24 mA
V_{oh} = 2.4 V min., I_{oh} = -3 mA
V_{oh} = 2.0 V min., I_{oh} = -15 mA

Timer Characteristics

Quantity	2
Resolution	24 bits

Power

+5 VDC, 1.3 A typ., 1.5 A max.

VMEbus Compliance

- Complies with VMEbus Specification IEEE 1014
- A16:D08(0) DTB Slave
- Interrupter - I(1)-I(7)(STAT), RORA
- Interrupter Vector D08(O)(DYN)
- Form Factor:
  XVME-200, 201:SINGLE
  165.1 mm × 100.01 mm
  (6.5" × 3.94")
  XVME-290: DOUBLE
  233.35 mm × 160 mm
  (9.2" × 6.3")

Warranty Information

The XVME-200, 201, and 290 carry a two-year warranty.

Environmental Specifications

Temperature

Operating	0º to 65º C (32º to 149º F)
Nonoperating	-40º to 85º C (-40º to 185º F)

Humidity 20 to 95% RH, non-condensing

Altitude

Operating	Sea level to 10,000 ft (3048 m)
Nonoperating	Sea level to 40,000 ft (12192 m)

Vibration

Operating	5 to 2000 Hz .015" (.38 mm) peak-to-peak displacement 2.5 g (max) acceleration
Nonoperating	5 to 2000 Hz .030" (.76 mm) peak-to-peak displacement 5.0 g (max) acceleration

Shock

Operating	30 g peak acceleration 11 msec duration
Nonoperating	50 g peak acceleration 11 msec duration

Ordering Information

XVME-200:	32 Channel DIO with interrupts
XVME-201:	48 Channel DIO without interrupts
XVME-290:	6U version of the XVME-200 with I/O routed to the VMEbus P2 connector.
XVME-940:	6U front panel kit for the XVME-200 and 201

XYCOM AUTOMATION, INC.
750 North Maple Road
Saline, Michigan 48176-1292
Phone: (734) 429-4971
FAX: (734) 429-1010
Call toll-free: 1-800-AT-XYCOM
http://www.xycomautomation.com/

XYCOM CANADA, INC.
461 North Service Road West, Unit B36
Oakville, Ontario L6M 2V5 Canada
Phone: (905) 825-0281
FAX: (905) 825-0282

XYCOM AUTOMATION LTD.
NORTHERN EUROPE
21 Tenter Road, Moulton Park
Northampton NN3 6AX England
Phone: +44-1604-790-767
FAX: +44-1604-790-722

XYCOM AUTOMATION S.r.L.
SOUTHERN EUROPE
Via Chambery 93/107/U
10142 Torino, Italy
Phone: 39-011-770-5311
FAX: 39-011-770-53270

Specifications subject to change without notice.
Brand or product names are trademarks or registered trademarks of their respective owners.

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