

**Aumictech**

Test &amp; measurement • bought, sold, repaired, calibrated

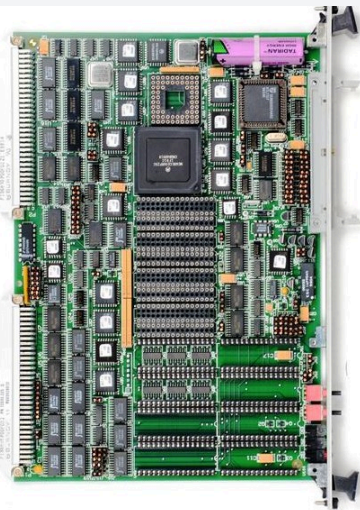
**Data Sheet**

August 15, 2026

ACROMAG / XEMBEDDED / XYCOM

# Acromag / Xembedded / Xycom XVME-630 68EC030 Processor Module

Acromag / Xembedded / Xycom Embedded Test Systems. Channels: \*\* Two asynchronous/synchronous serial channels.

**MODEL****Acromag /  
Xembedded /  
Xycom XVME-630****CALIBRATION****Available on  
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****XVME-630****LISTING**[https://aumictechlabs.c  
om/products/xvme-630  
-2/](https://aumictechlabs.com/products/xvme-630-2/)

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

## This unit

The Acromag/Xembedded/Xycom XVME-630 is a VMEbus compatible processor module designed for embedded applications. It features a Motorola 68EC030 microprocessor, offering flexibility in CPU speed and memory configurations. This module is suited for industrial automation, data acquisition, and process control systems requiring solid embedded processing within a VMEbus architecture. Technical Specifications Processor: CPU: Motorola 68EC030 CPU Speed: Available in 25 MHz or 40 MHz variants Math Coprocessor: Site for a 68882 Floating-Point Co-Processor Memory: Memory Banks: Three memory banks, each with four sockets Bank 1: Supports high-speed SRAM \* Maximum capacity: 2 MB SRAM Bank 2: Supports EPROM \* Maximum capacity: 4 MB EPROM Bank 3: Dual-ported to VMEbus; supports SRAM, EPROM, or Flash Memory \* Maximum capacity: 4 MB EPROM, 2 MB SRAM, or 1 MB Flash Memory Interfaces:

Serial Channels: Two asynchronous/synchronous serial channels \* Serial Channel A: Dedicated RS-232C port \* Serial Channel B: Jumper-configurable for RS-232C or RS-485 \* Controller: On-board 68562 Dual Universal Serial Communications Controller (DUSCC) Timers: Two 16-bit programmable timers VMEbus Interface: \* Interrupter: Programmable VMEbus Interrupter \* Compliance: VMEbus compatible Real-Time Clock: Serial, battery-backed Real-Time Clock with 32 Bytes of battery-backed RAM Physical: Form Factor: Single-board, double-high VMEbus module Indicators: Front Panel LEDs: Three LEDs for diagnostic PASS/FAIL status and RUN status indication Environmental: Operating Temperature: -40 °C to +70 °C (industrial-grade) Why Choose Aumictech for Acromag / Xembedded / Xycom XVME-630? At Aumictech, we specialize in supplying high-end VMEbus processor modules. Whether you need a reliable 68EC030 CPU for industrial automation, configurable memory options for embedded computing, or solid serial communication for data acquisition, our team ensures the Acromag / Xembedded / Xycom XVME-630 delivers maximum performance for your application.

## XVME630 Characteristics / Specifications

| PARAMETER                   | VALUE                             |
|-----------------------------|-----------------------------------|
| Model                       | XVME-630                          |
| Instrument Type             | VME processor module              |
| Cpu                         | Motorola 68EC030                  |
| Form Factor                 | 6U VMEbus                         |
| Bus Standard                | VMEbus                            |
| Manufacturer                | Acromag Xembedded Xycom           |
| Role                        | VME CPU / system controller class |
| Memory                      | onboard DRAM class                |
| Flash Or Eprom              | boot memory class                 |
| Serial Ports                | console serial class              |
| Operating Temperature Class | industrial                        |
| Power                       | VME plus 5 V plus or minus 12 V   |
| Cooling                     | forced air                        |
| Humidity Class              | non condensing                    |
| Front Panel                 | abort reset LEDs class            |
| Addressing                  | full VME address decode class     |
| Interrupts                  | VME interrupt handler class       |
| Clock                       | CPU system clock                  |
| Firmware                    | monitor or RTOS boot              |
| Expansion                   | VME peripheral boards             |
| Storage Temperature Class   | industrial                        |
| Duty                        | continuous embedded               |
| Compatibility               | XVME IO modules                   |
| Debug                       | background debug class            |
| Storage temperature         | Class: industrial                 |

| PARAMETER             | VALUE                 |
|-----------------------|-----------------------|
| Operating temperature | Class: industrial     |
| Humidity              | Class: non condensing |

# XVME630 Specifications

| PARAMETER                | VALUE                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| Applications             | Industrial VMEbus system controller and embedded computing for automation and test systems of the 68030 era.                               |
| Key Features             | Motorola 68EC030 processor                                                                                                                 |
| Technical Specifications | Model: XVME-630                                                                                                                            |
| Notes                    | Identity from Acromag / Xycom XVME-630 listings. Exact CPU MHz and DRAM size follow the XVME-630 configuration options on the board label. |

## General Specifications & Supplementary Characteristics

| PARAMETER                   | VALUE                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Storage temperature         | Class: industrial                                                                                                                                                       |
| Operating temperature       | Class: industrial                                                                                                                                                       |
| Operating Temperature       | Class: industrial                                                                                                                                                       |
| Humidity                    | Class: non condensing                                                                                                                                                   |
| Operating Temperature Class | industrial                                                                                                                                                              |
| Power                       | VME plus 5 V plus or minus 12 V                                                                                                                                         |
| Cooling                     | forced air                                                                                                                                                              |
| Humidity Class              | non condensing                                                                                                                                                          |
| Front Panel                 | abort reset LEDs class                                                                                                                                                  |
| Addressing                  | full VME address decode class                                                                                                                                           |
| Interrupts                  | VME interrupt handler class                                                                                                                                             |
| Clock                       | CPU system clock                                                                                                                                                        |
| Firmware                    | monitor or RTOS boot                                                                                                                                                    |
| Expansion                   | VME peripheral boards                                                                                                                                                   |
| Storage Temperature Class   | industrial                                                                                                                                                              |
| Duty                        | continuous embedded                                                                                                                                                     |
| Compatibility               | XVME IO modules                                                                                                                                                         |
| Debug                       | background debug class Notes Identity from Acromag / Xycom XVME-630 listings. Exact CPU MHz and DRAM size follow the XVME-630 configuration options on the board label. |

# Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

| Specifications              |                                   |
|-----------------------------|-----------------------------------|
| Specifications              |                                   |
| PARAMETER                   | VALUE                             |
| Model                       | XVME-630                          |
| Instrument Type             | VME processor module              |
| Cpu                         | Motorola 68EC030                  |
| Form Factor                 | 6U VMEbus                         |
| Bus Standard                | VMEbus                            |
| Manufacturer                | Acromag Xembedded Xycom           |
| Role                        | VME CPU / system controller class |
| Memory                      | onboard DRAM class                |
| Flash Or Eprom              | boot memory class                 |
| Serial Ports                | console serial class              |
| Operating Temperature Class | industrial                        |
| Power                       | VME plus 5 V plus or minus 12 V   |
| Cooling                     | forced air                        |
| Humidity Class              | non condensing                    |
| Front Panel                 | abort reset LEDs class            |
| Addressing                  | full VME address decode class     |
| Interrupts                  | VME interrupt handler class       |
| Clock                       | CPU system clock                  |
| Firmware                    | monitor or RTOS boot              |
| Expansion                   | VME peripheral boards             |
| Storage Temperature Class   | industrial                        |
| Duty                        | continuous embedded               |
| Compatibility               | XVME IO modules                   |
| Debug                       | background debug class            |

#### Notes

Identity from Acromag / Xycom XVME-630 listings. Exact CPU MHz and DRAM size follow the XVME-630 configuration options on the board label.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

788 S 500 E, Pleasant Grove, UT 84062  
[sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341  
<https://aumictechlabs.com>

NIST-traceable calibration · SAM registered ·  
30-day returns  
NAICS 423690 · 811210 · 541380  
Generated August 15, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.