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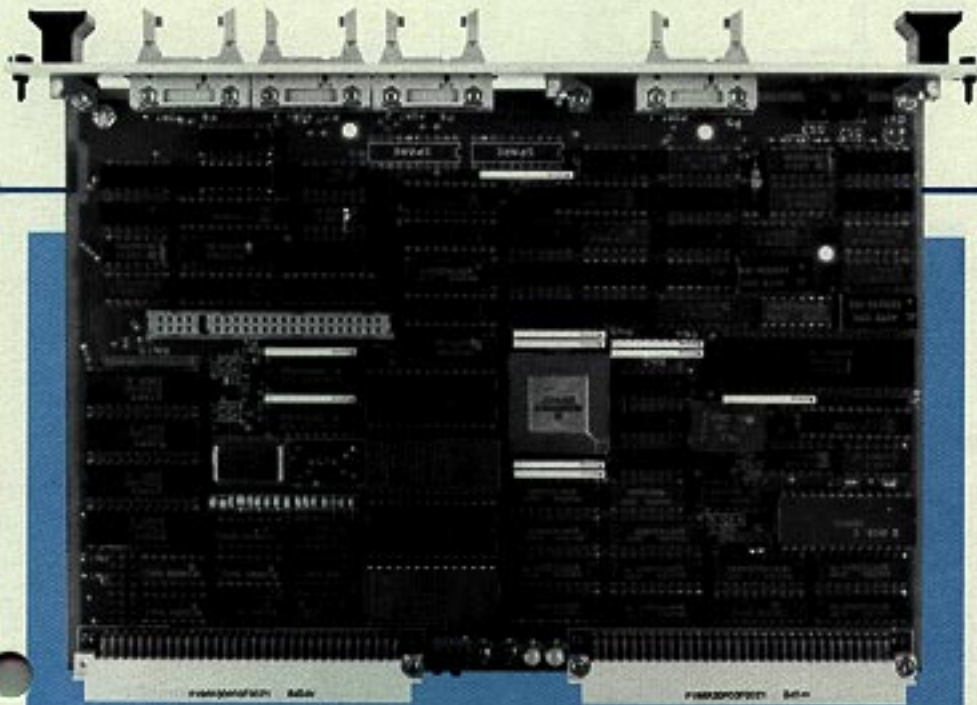
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# XVME-420



## Intelligent Peripheral Controller Module

The XVME-420 Intelligent Peripheral Controller module provides you with four RS-232 serial ports, one IEEE-P959 (SBX) expansion site, and many serial and peripheral controller functions. You can use Xycom's RS-422 or 20mA Current Loop Communications Adapters for level translation.

You can relieve your main system processor from the time-consuming I/O burden associated with controlling peripheral devices with the intelligence and on-board firmware of the XVME-420.

## Specifications

### Serial Ports

Number ..... 4  
Type ..... Signetics 2641 EPC1

### Features:

- Baud rate up to 19.2K
- Asynchronous operations
- RS-232 drivers and receivers
- Each channel independently configurable
- Programmable baud rate, stop bits, bits/character, parity, half/full duplex, modem control

### IEEE-P959 Expansion Site (Compatible with ISBX™)

Accommodates ..... 8 or 16-bit modules, either single or double width

Power Requirements ..... 5V ± 5%,  
3.8A typical,  
± 12V ± 10%,  
60mA typical

## VMEbus Compliance

Complies with VMEbus Specification, Revision C.1  
A16/A24-D16/D08(EO) DTB Slave  
Interrupter - I(1)-I(7)(DYN), ROAK  
Interrupt Vector - D08(O)(DYN)  
Requester - R(0)-R(3)(STAT)  
Utility Signals - SYSFAIL  
Form Factor - NEXP  
Conforms to Xycom Standard I/O Architecture

## Ordering Information

Module: XVME-420  
Description: Intelligent Peripheral Controller Module

## Features

- 10 MHz 68000 CPU
- Four independently programmable RS-232 serial ports
- One IEEE-P959 (SBX) expansion module site, 8/16 bits, single or double width for interfacing to parallel printers, IEEE-488, synchronous serial ports, etc.
- On-board firmware for peripheral control
- Xycom InterProcessor Communications (IPC) protocol

## Applications

- Printers, Terminals, Modems • Xycom 4810 RacPac Terminals • Programmable Controller network interface modules
- Data recorders • Serial remote I/O devices • Personal, mini, mainframe computers • Other VMEbus systems



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