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TECHNOLOGY GROUP

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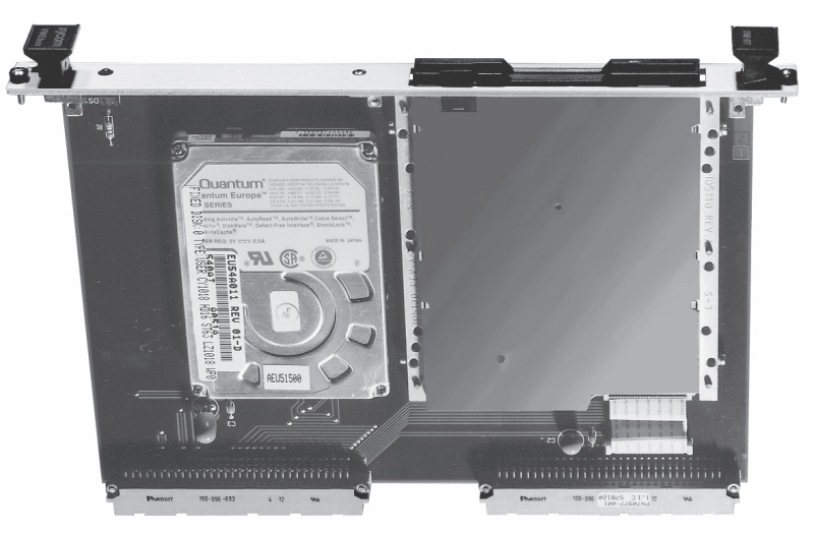
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Find the *Acromag / Xembedded / Xycom XVME-977* at our website: ***Click HERE***

XVME-977
Hard Drive/Floppy Drive Module



Features

- 1.3 GB or 2.2 GB 2.5" IDE hard drive
- PC-compatible 1.44 MB 3.5" floppy drive
- Occupies only one VMEbus slot
- Automatic retry on errors
- Transparent defect mapping reassigns defective sectors discovered in the field without reformatting.
- Fits into any standard 6U VMEbus card cage
- Easily removable
- Solid-state ATA Flash disk support

Overview

The XVME-977 Hard Drive/Floppy Drive module provides an easy way to integrate both hard and floppy disk drives into a VMEbus system, while occupying only one double-high VMEbus slot.

The XVME-977 contains a 2.5" IDE hard drive and a 0.5" high 1.44 MB 3.5" floppy drive. The unit plugs easily into the VMEbus backplane, with the IDE hard drive and floppy drive signals routed through the P2 connector. It is also available with a 1.3" IDE Flash disk drive for those applications that require non-rotating mass storage. Flash drives are available in 10 MB, 20 MB, 40 MB and 60 MB capacities.

The XVME-977 Hard Drive/Floppy Drive Module is ideally suited for use with Xycom Automation's XVME-654 and XVME-655 VMEbus PC/AT Processor modules. The compact design and easy installation make the XVME-977 an ideal mass storage solution for a variety of VMEbus systems.

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Hardware Specifications

Hard Drive

Interface	IDE
Type	2.5"
Data transfer rate	6 Mbits/sec burst

XVME-977/10

Capacity, formatted	1330.0 MB
Seek times	
Average access	14 msec.
Track-to-track	4 msec.

XVME-977/11

Capacity, formatted	2250.0 MB
Seek times	
Average access	12 msec.
Track-to-track	4 msec.

Floppy Drive

Interface	SA-450
Compatibility	3.5", 1.44 MB

Power Supply

Hard drive	+5V, 1.1A max. (spin-up peak)
	0.4A typical
Floppy drive	+5V, 0.74A max. (spin-up peak)
	0.4A typical
Flash drive	Sleep: <5mA
	Access: 25 mA (max.)

The XVME-977 draws its power and its ground reference from the VMEbus P1 connector. Controller signals are taken from the P2 connector.

Dimensions

Form factor: DOUBLE
9.2" × 6.3" (233 mm × 160 mm)

Environmental Specifications

Temperature

Operating	0º to 50º C (32º to 122º F)
Nonoperating	-40º to 60º C (-40º to 140º F)

Humidity

20% to 80% RH, noncondensing

Altitude

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

Vibration

0 to 500 Hz

Operating	.015" (.38 mm) peak-to-peak displacement
	0.5 g (maximum) acceleration
Nonoperating	.030" (.76 mm) peak-to-peak displacement
	1.0 g (maximum) acceleration

Shock

Operating	5 g peak acceleration 11 msec duration
Nonoperating	100 g peak acceleration 11 msec duration

Ordering Information

XVME-977/10	Hard Drive/Floppy Drive module, with 1300 MB hard drive
XVME-977/11	Hard Drive/Floppy Drive module, with 2250 MB hard drive
XVME-977/100	Hard Drive/Floppy Drive module, with 10 MB Flash drive
XVME-977/101	Hard Drive/Floppy Drive module, with 20 MB Flash drive
XVME-977/102	Hard Drive/Floppy Drive module, with 40 MB Flash drive
XVME-977/103	Hard Drive/Floppy Drive module, with 60 MB Flash drive

Warranty Information

The XVME-977 carries a one-year parts and labor warranty.

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