



XVME-977 Hard Drive/Floppy Drive Module

FEATURES

- 2.5" IDE hard drive
- PC-compatible 1.44 MB 3.5" floppy drive
- Occupies only one VME bus slot
- Automatic retry on errors
- Transparent defect mapping reassigns defective sectors discovered in the field without reformatting (S.M.A.R.T.).
- Fits into any standard 6U VMEbus card cage
- Easily removable
- Solid-state ATA Flashdisk support optional
- Compatible with XVME-979/1 CD-ROM module
- Compatible with XVME-979/3 CD-ROM R/ module

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 and connected via a short ribbon cable (included).

The XVME-977 Hard Drive/Floppy Drive Module is ideally suited for use with XycomVME's XVME- 690, XVME-661, XVME-660, XVME-653, XVME-658 and XVME-659 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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V M E

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PRODUCT SPECIFICATIONS AND RATINGS

Hardware

- Dimensions**
- Form factor: DOUBLE
 - 9.2" x 6.3" (233 mm x 160 mm)

Hard Drive

Interface	IDE
Type	2.5"
Data Transfer Rate	372Mbits/sec burst 8 MB Data Buffer

Seek Times

XVME-977/11	• Average Access: 12 msec., Track to Track: 4 msec.
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Floppy Drive

Interface	SA-450
Compatibility	3.5", 1.44 MB

Power Supply

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

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

Environmental

	Operating	Nonoperating
Temperature	0° C to 50° C (32° to 122° F)	-40° C to 60° C (-40° to 140° F)
Humidity	20% to 80% RH, non condensing	20% to 80% RH, non condensing
Shock^a	5g peak acceleration, 11 msec duration	100g peak acceleration, 11 msec duration
Vibration 0-500 Hz	.015" (.38mm) peak-to-peak displacement 0.5g (maximum) acceleration	.030" (.76mm) peak to peak displacement 1.0g (maximum) acceleration
Altitude	Sea level to 10,000 ft. (3048 m)	Sea level to 40,000 ft. (12192 m)

ORDERING INFORMATION

Order Number	Description
XVME-977/11	Hard Drive/Floppy Drive module, with 2.5" hard drive Module shipped with 96 pin interconnect cable to connector to our processor modules

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