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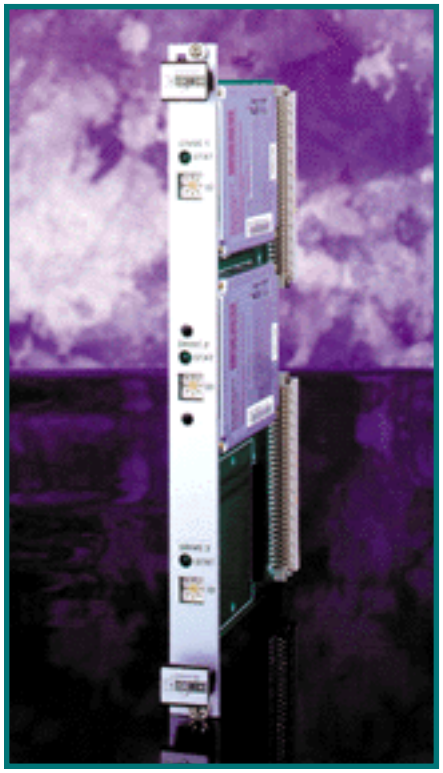
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One Slot Disk Module



Benefits:

- Self contained VME mass storage module
- Only one slot (6U x 4HP x 160mm) required
- Enhanced Shock specifications (see below)
- Choice of low profile (2½") hard drives from 5 to 32 GB
- Directly supports Motorola and Force CPUs
- Software support and drivers available for VxWorks, LynxOS, Solaris, Windows and Linux

Specifications:

General

The module is equipped with a front panel with activity LEDs and ejector handles for easy removal. DIN connectors are selectively loaded to minimize insertion force. The One-Slot Disk Module can support up to three 2.5" ATA/IDE SCSI hard drives.

Physical

The 1-slot Disk Module is 6U (10.5") high by 4HP (0.8") wide by 160mm (6.3") deep. Compatible with VMEbus mechanical and electrical specifications. Max. weight: 2 lbs.

Performance

Media transfer rate: 108.8 - 228.2 Mbits/sec
Interface transfer rate: 66.6 UltraDMA mode 4, 16.6 PIO mode 4

Input/Output

SCSI I/O is routed through the A and C rows of the P2 connector or an optional front panel mounted SCSI-2 connector.
An I/O interconnect ribbon cable (18") is provided.

Compatibility

The One Slot Disk Module is directly compatible with Motorola® and Force® CPUs. Contact factory for details on adapter modules available for other CPUs.

Power Requirements: +5V ± 5% @ 2.4A max.

2½" Hard Drive Parameters - typical

Media = in GB	5	10	20	30	32
Dimensions(HxWxD) Weight (grams)	9.5x70x100 99.0	9.5x70x100 99.0	9.5x70x100 99.0	12.5x70x100 135	12.5x70x100 155
Rotation Speed(rpm)	4200	4200	4200	4200	5411
Average Seek (msec)	12	12	12	12	12
AverageLatency (msec)	7.1	7.1	7.1	7.1	5.5

Specifications (continued):

Environmental

Temperature

Operating: +5°C to +55°C
Non-Operating: -40°C to +65°C

Humidity: 8% to 90% RH noncondensing

Shock (*½ sinewave*)

Operating: 150 G /2 msec, 700G/1 msec
Non-Operating: G msec

Vibration

Operating: 0.5 G peak accel.(5 Hz to 100 Hz)
0.25 G peak accel.(100 Hz to 500 Hz)
Non-Operating: 2 G peak accel.(5 Hz to 50Hz)

Part Number

Each Disk Module is shipped fully assembled and tested. It may contain one, two or three drives. Check with the factory for hard drive capacities, as they change frequently.

Use the following part numbers to design your One-Slot Disk Module:

TDM1-xGH1-xGH2-xGH3-O

x = Hard Drive Capacity (in GB): 5/10/20/30/32
Options: "2" for Front Panel for SCSI I/O
"0" for no SCSI I/O

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