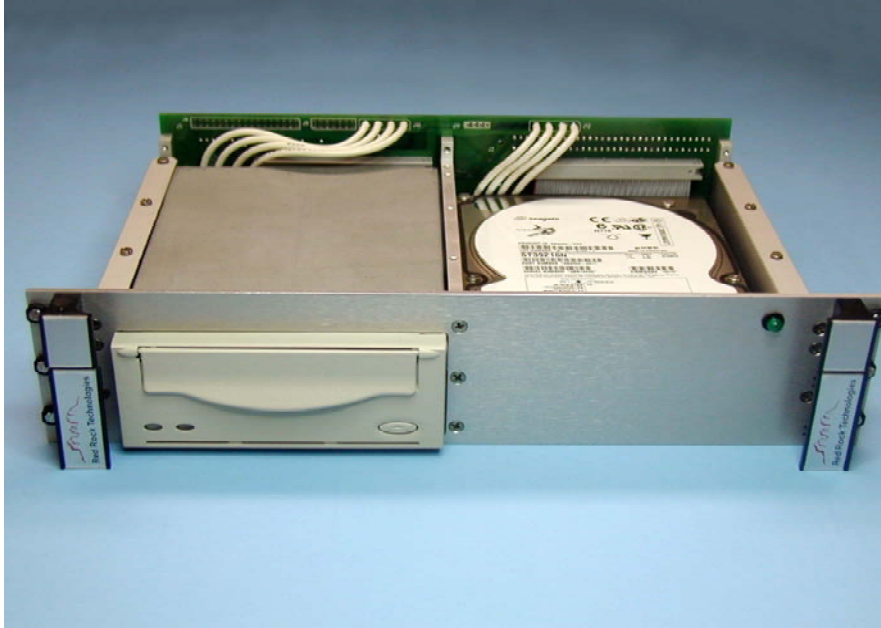




VME SCSI Hard Drive / Tape Drive Module

Commercial Temperature

Operating Temperature Range: +5°C to +45°C



Model RRT-3H18.2GD72G-W Hard Drive and Tape Drive Combination

This module houses one 18.2GB hard drive and one 4mm 72GB DAT tape drive in a three-slot 6U VMEbus module.

Drop-in replacement for obsolete model RRT-3H18.2GD24G-W.

Red Rock Technologies' VME Hard Drive / Tape Drive Module features:

- Fast, efficient field replacement.
- High density mass storage within the VME card cage.
- Compatible with all CPU's using SCSI and Ultra SCSI interfaces, single-ended and LVD.
- SCSI bus connections can be made via the P2 connector.
- No additional software required.
- P2 adapter accessory available.
- Power supplied from VMEbus, no separate power supply required.
- SCSI termination provided within unit, SCSI ID selection 0 – 7, 0 – 15

VME SCSI Hard Drive / Tape Drive Module Specifications

Capacity:	18.2GB for hard drive, 36GB Native and 72GB with compression for DAT tape drive
Interface:	SCSI Wide Single-Ended (compatible with Narrow SCSI-2 SE)
Throughput, Sustained	40 MB/S for hard drive 3.5 MB/S native, 7.0 MB/S with compression for tape drive
Power:	
+5 VDC (+/- 7%)	2.1 A typical
+12 VDC (+/- 10%)	1.1 A typical
Environment:	
Ambient Temperature	
Operating	+5° to 45° C
Non-operating	-40° to 65° C
Relative Humidity	
Operating	20% to 80% noncondensing
Non-operating	5% to 90% noncondensing
Shock	
Base module	Not rated. Designed for shock resistance.
Operating (Drives only)	10Gs peak, 11 ms
Non-operating (Drives only)	100Gs peak, 11mS
Vibration	
Base module	Not rated. Designed for vibration resistance.
Operating (Drives only)	.73G peak (17 to 150Hz) .50G peak (150 to 500Hz)
Non-operating (Drives only)	1.5G (5 to 500Hz)
Altitude	
Operating	-100 to +3,048 meters
Non-operating	-300 to +12,210 meters (power off)
Reliability	
MTBF for onboard drive	412,000 hours at 20% duty cycle for tape drive 1,400,000 hours for hard drive
VME Interface:	BUSGRNT and IACK shunted to next slot. Power taken from the VMEbus. No VMEbus interface.
Mechanical:	
VME Form Factor	Three slot VMEbus 6U size
Weight:	5 lb. Max.
Electrical Rating:	Designed to meet UL requirements.

Red Rock Technologies, Inc. reserves the right to modify, change or discontinue specific products within its product line at its own discretion. Red Rock Technologies, Inc. does not assume any liability resulting from the application or use of its products. The information contained herein has been checked and is believed to be entirely accurate, however, no responsibility is assumed for inaccuracies. "Red Rock Technologies" and the mountain logo are registered trademarks of Red Rock Technologies, Inc. © Copyright Red Rock Technologies, Inc., 2010. All rights reserved. (Rev. 02/09/2010)