



VME SCSI Ultra3 Module With Removable SATA Drive Commercial Temperature Operating Temperature Range: 0C to +70C



Model RRT-1SxS-LW-R VME SCSI Ultra3 Module with Removable SATA Drive

Utilizes 2.5" SATA solid state drives or hard drives

Removable via the front panel

Supports one removable and/or one fixed drive

Transparent interface from the SCSI bus to 2.5" SATA drives

Ultra3 SCSI interface also supports 8-bit narrow/16-bit wide, single ended SE/ low voltage differential LVD modes

Features:

- Fast, efficient field upgrades with removable 2.5" drive.
- Removable drive is ruggedly secured.
- High density mass storage within the VME card cage.
- High performance SCSI Ultra3 transfer rates.
- Compatible with all CPU's with a SCSI controller.
- No additional software required.
- SCSI bus connections via the P2 connector and/or 68-pin front panel connector.
- P2 adapter accessory available.
- Power supplied from VMEbus, no separate power supply required.
- Front panel activity LEDs.
- SCSI termination can be enabled within module.

VME SCSI Ultra3 Module with Removable SATA Drive Specifications

Capacity: Solid state drives (SSD) Hard drives	Up to 256 GB per drive Up to 640 GB per drive
Interface:	Ultra3 SCSI interface compatible with any SCSI controller. Supports wide/narrow and single ended (SE)/low voltage differential (LVD) modes.
Throughput, Continuous Sequential	110 MB/S Read, 110 MB/S Write.
Sector Size:	512 Bytes
Power: +5 VDC (+/- 5%)	1.5A typical, 3.0A Max.
Environment: Ambient Temperature Operating (SSD) Operating (hard drive) Non-operating	0° to 70° C 0° to 60° C -40° to 70° C
Relative Humidity Operating Non-operating	8% to 95% 8% to 95%
Shock Operating (SSD) Operating (hard drive)	1,000G, Half-sine, 0.5ms duration, MIL-STD-810F. 350G, 2mS
Vibration Operating (SSD) Operating (hard drive)	16.3 GRMS, MIL-STD-810F. 1 G (0 to peak, 5 to 500 Hz).
Altitude Operating (SSD) Operating (hard drive) Non-operating (hard drive)	80,000 feet. MIL-STD-810F 10,000 feet 40,000 feet
Reliability MTBF (SSD) MTBF (hard drive)	Estimated 4,000,000 hours @ 25° C Estimated 500,000 hours @ 25° C
VME Interface:	BUSGRNT and IACK shunted to next slot. Power taken from the VMEbus. No VMEbus interface.
Mechanical: VME Form Factor	Single slot VMEbus 6U size
Weight: Base Module Each drive	36 oz. Max. 16 oz. 10 oz
Electrical Rating:	Designed to meet UL requirements.

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