



## UNITRONIX Pty Ltd

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# SCSI CDROM Drive

## VMEbus Mass Storage Module (Yes, it's a Storage Blade)



### Model RRT-1CD-LW SCSI CDROM Drive Module

Provides a transparent interface from the SCSI bus to the low profile CDROM drive with ATAPI interface.

Ultra Wide SCSI LVD interface, configurable for 8-bit, single-ended and SCSI-2 operation.

#### ***Red Rock Technologies' plug-in SCSI CDROM drive module enables:***

- Fast, efficient field replacement
- Extremely high density mass storage within the VMEbus card cage
- Compatible with all CPU's using SCSI and Ultra SCSI interfaces, single-ended and LVD.
- Compatible with off the shelf CDROM utility software.
- SCSI bus connections can be made via the P2 connector, 68-pin front panel connector, or both
- P2 adapter accessory available
- Power is taken from the VMEbus, no separate power supply required
- Front panel activity LEDs
- SCSI termination provided within unit, SCSI ID selection 0 – 7, 0 – 15

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## SPECIFICATIONS

### One CDROM Drive Module Specifications

<b>Capacity:</b>	CDROM capacities
<b>Interface:</b>	Ultra Wide SCSI LVD, compatible w/ 8-bit and single-ended SCSI-2
<b>Throughput, Continuous</b>	24x transfer speed
<b>Power:</b> +5 VDC (+/- 5%)	2.0A typical, 3.2A Max.
<b>Environment:</b>	
Ambient Temperature	
Operating	5° to 45° C (max. case temp of 55C)
Non-operating	-20° to 65° C (max. range of -40° to 65° packaged)
Relative Humidity	
Operating	8% to 80%
Non-operating	5% to 95%
Shock	
Base module	Not rated. Designed for shock resistance.
Operating (Drive only)	5G, 11mS; half sine.
Non-operating (Drive only)	60G, 2mS; 200G, 11mS; half sine
Vibration	
Base module	Not rated. Designed for vibration resistance.
Operating (Drive only)	0.3 G horiz., 0.2G vert., 5Hz to 500Hz to 10Hz, sine swept, 1.0 oct/min
Non-operating (Drive only)	2.0 G (zero to peak), 5Hz to 500Hz to 10Hz, sine swept, 1.0 oct/min
Reliability	
MTBF for base module	Estimated 160,000+ hours @ 25° C
MTBF for CDROM drive	Estimated 60,000 hours @ 25° C
<b>CompactPCI® Interface:</b>	
Power taken from the VMEbus. No VMEbus interface.	
<b>Mechanical:</b>	
VMEbus Form Factor	Single slot VMEbus 6U size
<b>Weight:</b>	20 oz.
<b>Electrical Rating:</b>	Designed to meet UL requirements.

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