



SCSI Flash Drive

CompactPCI[®] Mass Storage Module (Yes, it's a Storage Blade)



Model RRTC-1SFA-LW SCSI Flash Drive Module

Provides a transparent interface from the SCSI bus to 2.5" ATA Flash drives.

Capacity of up to 96 GB in a single 6U CompactPCI[®] Slot. Drives addressable as one large disk or drives may be accessed as separate logical units.

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

Red Rock Technologies' plug-in SCSI Flash drive module enables:

- Fast, efficient field replacement
- Extremely high density mass storage within the CompactPCI[®] card cage
- Ideal for higher shock & vibration environments
- Compatible with all CPU's using SCSI and Ultra SCSI interfaces, single-ended and LVD.
- No additional software is required for operation as a SCSI data storage/bootable drive
- SCSI bus connections can be made via the J5 connector, 68-pin front panel connector, or both
- Rear Transition Module adapter accessory available
- Power is taken from the CompactPCI[®] bus, no separate power supply required
- Front panel activity LEDs
- SCSI termination provided within unit, SCSI ID selection 0 – 7, 0 – 15

SPECIFICATIONS

Flash Drive Module Specifications

| | |
|--|---|
| Capacity: | up to 96GB |
| Interface: | Ultra SCSI Wide LVD (compatible with 8-bit and single-ended SCSI-2) |
| Throughput, Continuous | Up to 6 MB/S Read (optionally up to 25MB/S), Up to 6 MB/S Write (optionally up to 25MB/S). |
| Sector Size: | 512 Bytes |
| Power: +5 VDC (+/- 5%) | 1.5 A typical, 4.0A Max.. |
| Environment: Ambient Temperature Operating Non-operating | 0° to 70° C -40° to 85° C |
| Relative Humidity Operating Non-operating | 8% to 95% 8% to 95% |
| Shock (operating and non-operating) Base module Onboard Flash only | Not rated. Designed for shock resistance. 1,000G Max. |
| Vibration (operating and non-operating) Base module Onboard Flash only | Not rated. Designed for vibration resistance. 15G P-P Max. |
| Reliability MTBF for base module MTBF for each onboard drive | Estimated 160,000+ hours @ 25° C Estimated 1,000,000 hours @ 25° C |
| CompactPCI® Interface: | Power taken from the CompactPCI® bus. No CompactPCI® interface. |
| Mechanical: CompactPCI® Form Factor | Single slot CompactPCI® bus 6U size |
| Weight: | 30 oz. Max. |
| Electrical Rating: | Designed to meet UL requirements. |

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