

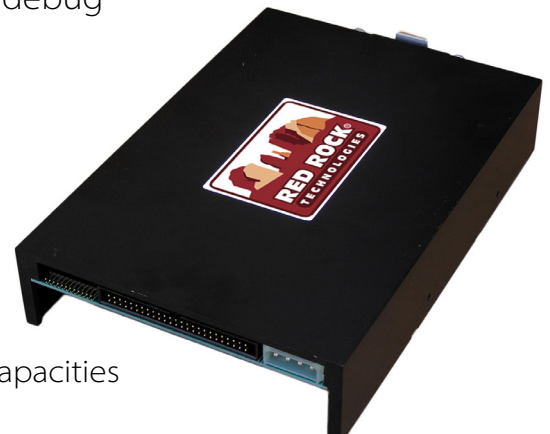
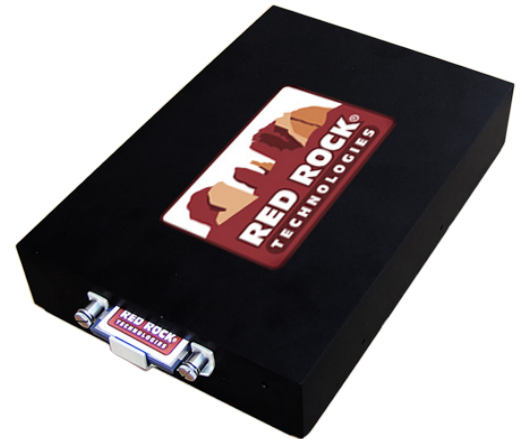
5.25" SCSI 50-Pin Narrow with Removable CFast

RRT-525SFS-SN-R-CFast

The 5.25" SCSI 50-pin Narrow with removable CFast is a proprietary FPGA based design that provides a long term solution for replacement of obsolete SCSI floppy, tape (DAT), magneto optical (MO), CD, DVD and PC card drives. Designed to provide mechanical form, fit, function replacement for COTS 5 1/4" SCSI MO drives.

The design provides a transparent interface from the SCSI bus to a COTS CFast card.

Custom firmware provided for SCSI systems that require specific SCSI command responses, capacities or sector sizes. A built-in debug monitor can be used to diagnose and update firmware.



FEATURES INCLUDE

- Drop in replacement for obsolete 50-pin Narrow SCSI drives
- Standard 5.25" form factor, mechanically the same as COTS SCSI MO drives
- Capacities currently up to 120GB; options for custom CFast capacities
- Ultra SCSI transfer rates up to 20 MB/s
- Single Ended (SE) interface
- Emulations for SCSI floppy, SCSI magneto optical (MO), SCSI CD, SCSI DVD, SCSI DAT tape and SCSI PC card
- Compatible with CPUs with a SCSI SE controller
- SCSI termination can be enabled within unit
- No additional software required
- SCSI ID selection 0 – 7
- ROHS compliant

Ordering Information

RRT-525SFS-SN-R-CFast - FLOPPY - UR - X - SECTORSIZE1024

Options May be left blank

Emulation

Floppy
 MO - Magneto Optical
 DAT - Tape Drive
 CD - CD Drive
 DVD - DVD Drive

Conformal Coating

UR - polyurethane
 AR - acrylic

Extended Temperature Range

X - -40°C to 85°C

Sector Size (512 byte default sector size)

256, 768, 1024, or any value

Example: RRT-525SFS-SN-R-CFast

Example: RRT-525SFS-SN-R-CFast-UR-X-SECTORSIZE256

Example: RRT-525SFS-SN-R-CFast- FLOPPY

5.25" SCSI 50-pin Narrow with Removable CFast Specifications

| Performance | |
|---------------------------------|---|
| Interface | Narrow 8-bit Single Ended (SE) Ultra SCSI, SCSI2, SCSI1 |
| Sustained Throughput Read/Write | 19 MB/s |
| Sector Size | 512 native, custom sector sizes available |
| Reliability | |
| MTBF | 3 million hours |
| Power | |
| Voltage | +5V +/- 5% |
| Watts-idle | 3W |
| Watts-active | 4W max |
| Environmental | |
| Temperature operating | 0° to 70°C |
| Temperature storage | -40° to 85°C |
| Relative Humidity | 5% to 95% |
| Altitude | 80,000 ft (24,000 meters) |
| Shock | 50g 11 millisecond |
| Vibration | 12.0 Grms 20 Hz to 2000 Hz |
| Physical | |
| Form Factor | 5.25" drive |
| Weight | 21.1 oz. max (597.5g) |
| Dimensions (W x L x H) | 8.4" x 5.75" x 1.7" (214.4mm x 146.1mm x 42.4mm) |

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