

External SCSI Box With Removable Compact Flash

RRT-EXT-SCSI-R-CF

The External SCSI Box with Removable Compact Flash uses proprietary FPGA based design that provides a long term solution for replacement of obsolete SCSI floppy, tape (DAT), magneto optical (MO), and PC card drives. Available with SCSI HD50, HD68, VHDCI or C50 connectors.

The design provides a transparent interface from the SCSI bus to a COTS compact flash 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 issues and update firmware.

FEATURES:

- Drop in replacement for obsolete SCSI drives:
 - SCSI floppy
 - SCSI Magneto Optical (MO)
 - SCSI DAT Tape
 - SCSI PC Card
- Hot-swap Removable Compact Flash
- External box
- Capacities currently up to 512GB
- Ultra SCSI transfer rates up to 20 MB/s
- Single Ended (SE) interface
- Commercial and extended temperature versions available
- Compatible with systems with an external SCSI SE connector
- SCSI termination can be enabled within unit
- Compact Flash with write protect switch available
- No additional software required
- SCSI ID selection 0 – 7
- ROHS compliant



Ordering Information- External SCSI Box with Removable Compact Flash

RRT-EXT-SCSI-R-CF - C50 - MO

Requirements

SCSI Connector
C50, HD50, HD68,
VHDCI

Options (may be left blank)

Emulation
Floppy
MO - Magneto Optical
DAT - Tape Drive

Example: RRT-EXT-SCSI-R-CF-C50
Example: RRT-EXT-SCSI-R-CF-HD68-DAT
Example: RRT-EXT-SCSI-R-CF-HD50-FLOPPY

Ordering Information – Compact Flash

RRT-CF - SLC - 512GB - 2 - WP

Requirements

NAND FLASH Type
SLC – Single Level
MLC – Multi Level

Capacity in MB or GB
Any capacity up to 512GB

Options (may be left blank)

Write Performance
1 - 16MB/s, 2 - 24MB/s, 3 - 33MB/s,
5 - 50MB/s, 6 - 60MB/s

Write Protect
WP – Write Protect

Example: RRT-CF-MLC-512GB
Example: RRT-CF-SLC-60GB-6
Example: RRT-CF-MLC-128GB-2-WP

External SCSI Box with Removable Compact Flash Specifications

Performance	
Interface	Narrow 8-bit Single Ended (SE) Ultra SCSI, SCSI2, SCSI1
Sustained Throughput Read/Write	19 MB/s
Reliability	
MTBF(1)	60,000 hours
Power	
Voltage	100-240 VAC
Watts	3W
Environmental	
Temperature operating	5° to 55°C
Temperature storage	-40° to 85°C
Relative Humidity	5% to 95%
Physical	
Form Factor	External box
Weight	5 lbs. max (2.27Kg)
Dimensions (W x L x H)	10.43" x 7.07" x 2.57" (265mm x 179.5mm x 65mm)

(1) Telcordia SR-322, Issue 3, operating temp (40° C), electrical stress (50%), environmental factor (1.0)

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