



RRT-DESKTOP-SCSI Desktop SCSI Drive

THE DESKTOP SCSI DRIVE uses a proprietary FPGA-based design that provides a long term solution for replacement of obsolete SCSI drives. Available with SCSI HD50, HD68, VHDCI or C50 connectors.

The design provides a transparent interface from the SCSI bus to a COTS SATA drive.

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.

- Drop in replacement for obsolete SCSI drives
- Desktop box
- Capacities currently up to 20TB
- SCSI transfer rates up to 320MB/s
- Single Ended (SE) Low Voltage Differential (LVD) or Differential interfaces
- Compatible with systems with an external SCSI connector
- SCSI termination can be enabled within unit
- No additional software required
- SCSI ID selection 0 – 15
- ROHS compliant



Ordering Information

Desktop SCSI Drive

Requirements

SCSI Interface

SE	Single Ended
LVD	Low Voltage Differential
HVD	High Voltage Differential

SCSI Connector

C50, HD50, HD68, VHDCI

Disk Type

HDD	Hard Disk Drive
SLC	Single Level Cell NAND FLASH SSD
MLC	Multi Level Cell NAND FLASH SSD
TLC	3D NAND FLASH SSD

Capacity

1TB - 5TB	For HDD
7GB - 240GB	For SLC
60GB - 20TB	For MLC
120GB - 8TB	For TLC

RRT-DESKTOP-SCSI- LVD - C50 - SLC - 512GB

ORDER EXAMPLES

RRT-DESKTOP-SCSI-LVD-C50-SLC-512GB
RRT-DESKTOP-SCSI-SE-HD50-MLC-2TB
RRT-DESKTOP-SCSI-HVD-HD68-MLC-128GB



Product Specifications

DESKTOP SCSI DRIVE

PERFORMANCE

INTERFACE	8-bit, 16-bit, SE, LVD or differential, Ultra SCSI, SCSI, SCSI2, SCSI1
SUSTAINED THROUGHPUT READ/WRITE	38 MB/s

RELIABILITY

MTBF	60,000 hours
------	--------------

POWER

VOLTAGE	100 – 240 VAC
WATTS	3 W

ENVIRONMENTAL

OPERATING TEMPERATURE	5°C to 55°C
STORAGE TEMPERATURE	-40 °C to 85 °C

PHYSICAL

FORM FACTOR	Desktop box
WEIGHT	5 lbs. max (2.27kg)
DIMENSIONS	10.43" x 7.07" x 2.57" (265 mm x 179.5 mm, 65.2 mm)



Red Rock Technologies, Inc. reserves the right to modify, change or discontinue specific products within its product line at its own discretion. Red Rock Technologies, Inc. does not assume any liability resulting from the application or use of its products. The information contained herein has been checked and is believed to be entirely accurate; however, no responsibility is assumed for inaccuracies. "Red Rock Technologies" and the mountain logo are registered trademarks of Red Rock Technologies, Inc.
© Copyright 2023 Red Rock Technologies, Inc.
All rights reserved. (Rev. 20230105a)