



RRT-35SCSI-HW 3.5" SCSI 68-Pin Wide Differential Solid State Drive (SSD)

- Drop in replacement for obsolete SCSI drives
- 68-pin Wide 16-bit Differential Ultra SCSI interface
- Transfer rates up to 40 MB/s
- Capacities up to 240GB
- Extended temperature option
- Customizable firmware (modified to work in your system)
- SCSI ID selection 0 - 15
- RoHS compliant
- US-Based Engineering and Manufacturing
- In-house Technical Support



THE 3.5" SCSI 68-PIN WIDE DIFFERENTIAL SOLID STATE DRIVE (SSD) uses a proprietary FPGA-based design that provides a long-term solution for replacement of obsolete SCSI drives.

68-pin Wide Differential Interface



Ordering Information

3.5" SCSI

RRT-35SCSI-HW- SLC - 60GB - UR - X

Requirements

NAND Flash Type
MLC Multi Level Cell
SLC Single Level Cell

Capacity
Up to 240GB For MLC
Up to 60GB For SLC

Options May be left blank

Extended Temperature Range
X -40°C to 85°C

Conformal Coating
UR Polyurethane
AR Acrylic

ORDER EXAMPLES

RRT-35SCSI-HW-MLC-120GB
RRT-35SCSI-HW-SLC-4.3GB-UR-X

Product Specifications

3.5" SCSI 68-PIN WIDE DIFFERENTIAL SSD

PERFORMANCE		
VERSION	SSD - MLC	SSD - SLC
CAPACITIES ¹	Up to 240GB	Up to 60GB
NAND FLASH TYPE	MLC	SLC
INTERFACE	Wide 16-bit Differential SCSI-1, SCSI-2 (Fast), Ultra (Fast-20)	
SUSTAINED THROUGHPUT READ/WRITE	38 MB/s	
SECTOR SIZE	512 byte default, custom sector size available	
RELIABILITY		
MTBF (HOURS) ²	1 million hours	2 million hours
ENDURANCE (100GB SSD)	70 TBW	350 TBW
DATA RETENTION	1 year ³	10 years ⁴
POWER		
VOLTAGE	+5V +/- 5%	
WATTS (IDLE)	3 W	
WATTS (ACTIVE)	4 W max	
ENVIRONMENTAL		
OPERATING TEMP.	0 °C to 70 °C	
STORAGE TEMP.	-40 °C to 85 °C	
EXTENDED OPERATING TEMP.	-40 °C to 85 °C	
ALTITUDE	80,000 ft. (24,000 meters)	
RELATIVE HUMIDITY	5% to 95% non-condensing	
SHOCK	50g 11 millisecond	
VIBRATION	12.0g 20 Hz to 2000 Hz	
PHYSICAL		
FORM FACTOR	3.5" drive	
WEIGHT	15 oz. max (420g)	
DIMENSIONS	4.0" x 5.75" x 1.0" (101.6mm x 146.1mm x 25.4mm)	
NOTES		
(1) Larger capacities available as new COTS 2.5" drives released		
(2) Telcordia SR-332, Issue 3, operating temp. (40 °C), electrical stress (50%), environmental factor (1.0)		
(3) MLC	10 years at 0% TBW ramping down to 1 year at 100% TBW	
(4) SLC	10 years at 10% TBW ramping down to 1 year at 100% TBW	



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