



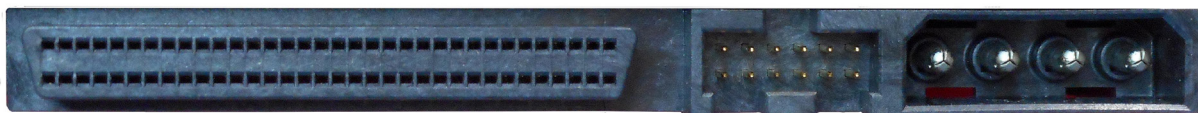
# RRT-35SCSI-HW 3.5" SCSI 68-Pin Wide Differential Solid State Drive (SSD)

- 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

0 - 240GB	For MLC
0 - 60GB	For SLC

#### Options May be left blank

##### Extended Temperature Range

X	-40°C to 85°C
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##### 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 <sup>1</sup>	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) <sup>2</sup>	1 million hours	2 million hours
ENDURANCE (100GB SSD)	70 TBW	350 TBW
DATA RETENTION	1 year <sup>3</sup>	10 years <sup>4</sup>
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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