



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



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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



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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) |



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