

# “SCSI-IDE RAID Solution”



DATA SILO DS570 8-BAY SCSI-IDE RAID CHASSIS

## PRODUCT DESCRIPTION

The Data Silo® DS570 is a cost-effective, high-performance RAID solution, integrating the StorCase Data Silo DS550 expansion chassis, Data Express® DE110 removable drive enclosures and a SCSI-IDE RAID controller. The DS570 provides a rugged and reliable RAID chassis for (8) Ultra ATA/100 IDE drives.

### COLOR

White or black

### CONSTRUCTION

Rugged steel

### DEVICE SIZES SUPPORTED

3.5" Low-Profile

### INTERFACES SUPPORTED

AT/IDE, Ultra ATA/66 and Ultra ATA/100

### FEATURES

- Supports up to (8) high-capacity, high-speed low-profile Ultra ATA/100 IDE disk drives
- Supports dual Ultra160 SCSI host channels
- RAID levels 0, 1, 0+1, 3, and 5
- Dual hot swappable power supplies and blowers
- Automatic hot swap, hot spare and drive rebuild support
- O/S independent (no special software drivers required)
- Online Capacity Expansion (OCE) allows adding drives without downtime
- 128MB of PC-100 or PC-133 compatible SDRAM 144-pin SDIMM memory module
- Drive failure LED
- Supports up to 8 LUNs
- Drive activity on unit select indicators per bay
- Drive carrier key lock per bay
- Supports page/FAX notification event



DE110 carrier

RAID Controller  
Included



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### APPLICATIONS

- Server RAID (Web, E-mail, database)
- Data backup or archiving
- Departmental storage
- Video editing

### UNIQUE PRODUCT BENEFITS

- Cost-effective IDE drive support in a high-performance SCSI enclosure
- Built-in RAID function for easy deployment
- Removable drive carriers interchangeable with StorCase Data Express® DE110 carriers
- All installation accessories provided
- 24/7 phone support. StorCase goes the extra mile to assist you with any product-related issues.

### USER MARKETS

Finance  
Education  
Engineering  
Government  
Health Care  
Insurance  
Legal  
Manufacturing  
Real Estate  
Entertainment  
Construction  
Retail  
Telecommunications  
OEM

### TESTING/SUPPORT

- Tested in collaboration with the most prestigious peripheral manufacturers
- 30-day, money-back guarantee, *no questions asked*
- 7-year limited warranty
- 24/7 technical phone support
- Distributed worldwide

### CONTACT INFORMATION

U.S. Sales/Marketing (800) 435-0642

U.K. Sales/Marketing (00800) 87 86 85 84

Technical Support (888) 435-5460

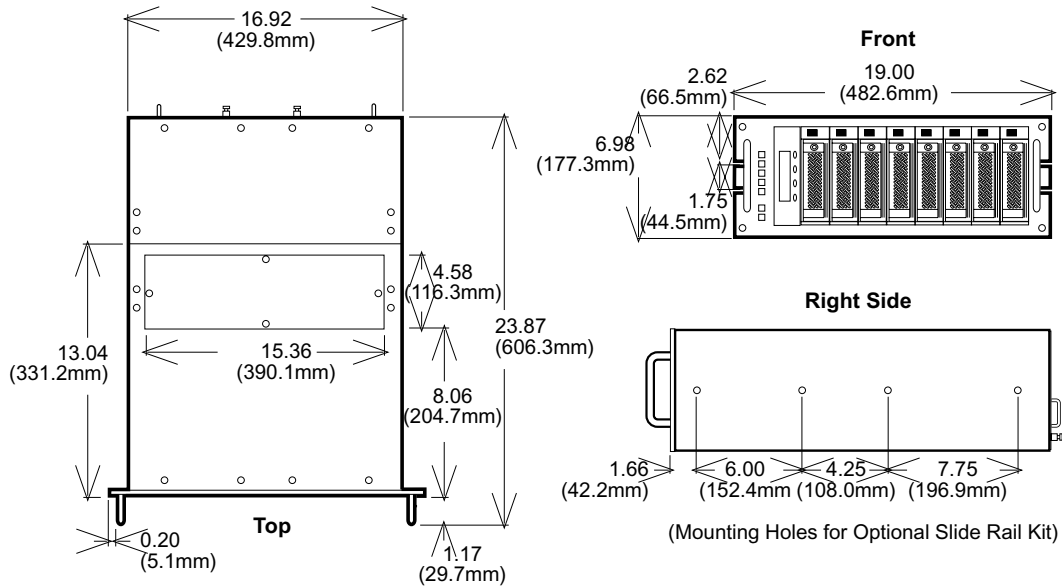
E-mail: [info@storcase.com](mailto:info@storcase.com)

[www.storcase.com/dsilo/ds570.asp](http://www.storcase.com/dsilo/ds570.asp)

**StorCase**<sup>®</sup>  
TECHNOLOGY  
*A Kingston Technology Company*

Providing rugged, upgradable storage products worldwide

# Product Specifications



## Environmental Specifications

	Operating	Storage
Ambient Temperature	0°C to 35°C	-40°C to 70°C
Relative Humidity <sup>(1)</sup>	10% to 80%	10% to 90%
Altitude	-1000 to 10,000 ft.	-1000 to 40,000 ft
	-305m to 3048m	-305m to 12195m
Shock <sup>(2)</sup>	10g	60g

<sup>(1)</sup> Non-condensing with maximum gradient of 10% per hour

<sup>(2)</sup> 11 msec pulse width 1/2 sine wave

## Physical Specifications

	Rack Mount
Height	6.98" (177.3mm)
Width	19.00" (482.6mm)
Depth	23.87" (606.3mm) <sup>(1)</sup>
Weight	70lbs (31.8kg) <sup>(2)</sup>

<sup>(1)</sup> Includes front chassis handles

<sup>(2)</sup> Total weight including DE110s (without drives installed)

## Electrical Specifications

(2) Auto Ranging 400 Watt (500W <sub>Peak</sub> ) Power Supplies <sup>(1)</sup>	
AC Input	100-240VAC, 60/50Hz at 8 AMPS
DC Output Continuous	5V at 21.5A, 12V at 24.5A
DC Output Peak	12V at 38A (15 sec. max)

<sup>(1)</sup> Dual power supplies operate in shared mode.

## Chassis Reliability/Maintainability

Chassis	
MTBF <sup>(1)</sup>	250,000 Hours
Preventative Maintenance	Power Supply/Blower Modules

(1) MTBR = Mean Time Between Failure

## Air Flow

Total for 2 Blowers	79 CFMs
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