Shared RAID ARRAY Storage Sub-system your Enterprise information systems department will love.

Cepoint R-STOR™ Rx300 Series Rack mount RAID System

High performance Ultra 160 Disk Arrays
3U Profile, up to 12, 14 or 16-drive bay SCSI-SCSI RAID Subsystem

High Performance Plug-and-play shared Raid array storage Server Sub-system, built to solve your Enterprise storage needs and, save you lots of cash and headache! R-STOR™ is built using 64-bit powerful RISC processor. This ensures 24 x7 continuous high performance, availability and reliability in high computing or mission-critical applications.

(1st Photo above shows Model R316 w/16 drives option 2nd Photo above shows Model R312 with 8 drives option)
RAID Management

Highest Density Available
3U chassis with up to 16 bays carriers.

The RS300 series RAID subsystem is a modular storage system designed for scalability with growth in mind. The units have excellent conduction cooling components to ensure excellent performance without any worry for over heating or data degradation.

All R-Stor RS300 series Supports hot spare and automatic hot rebuild.

Allows online capacity expansion within the enclosure.

Local audible event notification alarm.

Supports password protection and UPS connection.

Built-in serial port interface / or Ethernet for remote event notification.

Dual host channels support clustering technology.

Tagged command queuing for 255 commands, allows for overlapping data streams.

Transparent data protection for all popular operating systems.

Supports multiple arrays per host connection.

FEATURES

Fault-Tolerant Design
Redundant, hot-swappable components.

Unparalleled Cooling
Excellent Thermal Conductor.
High Strength-to-Weight Ratio.

Exceptional Manageability
GUI for remote management and configuration.

Menu-driven software control.

Flexible Expansion
RAID expansion enclosure enable a large increase of HDD capacity.

RAID Management

Smart-function features.

Environmental monitoring unit.

Real time drive activity and status indicators.

Browser-based Java GUI management utility.

SPECIFICATIONS:

<table>
<thead>
<tr>
<th>Model</th>
<th>RS-316</th>
<th>RS312</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form factor</td>
<td>3U 19” rack mount chassis</td>
<td>3U 19” rack mount chassis</td>
</tr>
<tr>
<td>Controller</td>
<td>Infotrend SR-150 Ultra 160 SCSI-SCSI</td>
<td>Infotrend SR-150 Ultra 160 SCSI</td>
</tr>
<tr>
<td>RAID processor</td>
<td>64-bit RISC PowerPC 750</td>
<td>64-bit RISC PowerPC 750</td>
</tr>
<tr>
<td>RAID Level</td>
<td>0, 1, (0 + 1), 3, 5, 10, 30, 50</td>
<td>0, 1, (0 + 1), 3, 5, 30, 50</td>
</tr>
<tr>
<td>Cache memory</td>
<td>128MB min. -1GB max.</td>
<td>128MB Min. – 1GB Max.</td>
</tr>
<tr>
<td>No. of channels (host + drive)</td>
<td>4 (1 host + 3 drive)</td>
<td>4 (1 host + 3 drive)</td>
</tr>
<tr>
<td>Host bus Interface</td>
<td>Ultra 160</td>
<td>Ultra 160 or Ultra 320</td>
</tr>
<tr>
<td>Drive bus Interface</td>
<td>Ultra 160</td>
<td>Ultra 160 or Ultra 320</td>
</tr>
<tr>
<td>Back plane board</td>
<td>Ultra 160</td>
<td>Ultra 160 or Ultra 320</td>
</tr>
<tr>
<td>Hot-swap drive bays</td>
<td>16 Max (14 useable with Ext. cntrl)</td>
<td>12 (11 useable with Ext. cntrl)</td>
</tr>
<tr>
<td>Max. No of Disks support</td>
<td>14</td>
<td>11</td>
</tr>
<tr>
<td>Hot-swappable power supplies</td>
<td>600 watts (300W + 300W) redundant</td>
<td>2 x 300W redundant</td>
</tr>
<tr>
<td>Cooling fans</td>
<td>Up to 76 CFM</td>
<td>Up to 76 CFM</td>
</tr>
<tr>
<td>Power</td>
<td>AC 90V ~ 240V Full range</td>
<td>Ultra 160 or Ultra 320</td>
</tr>
<tr>
<td>Environmental: RH: Operating Temp:</td>
<td>10% ~ 85% Non-condensing/10ºC-50ºC</td>
<td>10% ~ 85% Non-condensing/10ºC-50ºC</td>
</tr>
<tr>
<td>Physical Dimensions:</td>
<td>19” W x 5.20” (H) x 26.5”D</td>
<td>19” W x 5.20” H x 24”D</td>
</tr>
<tr>
<td>Weight</td>
<td>85lbs approx. With drives</td>
<td>75lbs approx. with drives</td>
</tr>
<tr>
<td>ALARM Functions</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>Failure Notification features</td>
<td>yes</td>
<td>yes</td>
</tr>
</tbody>
</table>

Contact your sales representative for customizing your storage requirements and for delivery schedule.
All units are shipped with a pair of 18” or 24” telescopic Rack guide rails. Allow 3-4 weeks for delivery.
These Specifications are subject to change without prior notification.

Contact us: sales@cepoint.com  .603.883.7979.  www.cepoint.com  fax: (603)883-3266

Cepoint Networks, LLC  copyright© 2002. All rights reserved.