

# RM512

Huge Data Capacity Chassis for Quad CPU Applications



## RM512 Specification

<b>Model Name</b>		
• RM51224B		
<b>Standard</b>		
• EIA-RS310D		
<b>M/B Form Factor</b>		
• Extended ATX (16" x 13") for Quad CPU M/B		
<b>CPU Type</b>		
• Quad Opteron		
<b>Dimension (DxWxH)</b>		
• 660 mm x 430 mm x 220 mm		
• 26" x 16.9" x 8.8"		
<b>Drive Bays</b>		
• External	5.25"	N/A
	3.5"	1
• Internal	3.5"	1
• Slim CD-ROM	1	
• Slim FDD	1	
• HDD Trays	24	
<b>PSU</b>		
• Form Factor	EPS12V 3+1/ Redundant	
• Watts	1350 W	
<b>Indicators</b>		
• LED for Power, HDD/LAN Activity, Power/Fan Failure/Overheat Warning		
<b>Front Controls</b>		
• Power ON/OFF, System Reset, Alarm Mute and 2 x USB 2.0 Ports		

<b>System Security</b>	
• Intrusion Switch	
<b>Cooling Fan</b>	
• Standard	4 x 80 mm T=32 Ball-bearing fans (upper middle)
	3 x 80 mm T=32 Ball-bearing fans (lower middle)
<b>Slot Opening</b>	
• 7	
<b>Riser Card</b>	
• N/A	
<b>Material</b>	
• SGCC	
<b>Sheet Metal Thickness</b>	
• 1.2 mm	
<b>Net Weight (Chassis only)</b>	
• 34 Kg (Including PSU)	
<b>Cubic Feet</b>	
• 7.56	
<b>Reference Container Loading (single packing with pallet)</b>	
• 20"	56
• 40"	120
<b>Backplane</b>	
• SCSI/SATA2/SAS/Multilane SATA	
<b>Front Bezel</b>	
• Optional	

## Application References

- Media/Streaming Server
- DB/File Server
- Corporate Files Servers
- Data Retention And archives
- Video-On-Demand
- Security and Surveillance Systems
- Digital Image Capture
- Application Server (ERP/Groupware)

## Features and Benefits

### Easy Installation and Maintenance

- Screw-less top cover for easy maintenance
- Hot-swap trays, hot-swap system fan and hot-swap power supply

### Excellent Thermal Performance

- Support 6 pieces of 4-in-1 Ultra320 SCSI/SATA2/SAS/Multilane SATA horizontal B/P for better ventilation
- Excellent thermal solution for Dual Xeon/Opteron/Nocona/Dempsey
- Optional 80 mm T25 mm rear fans to enhance thermal performance

### Complete System Functionality & Compatibility

- Compatible with various RAID cards
- More flexibility for Slim CD-ROM + Standard FDD + Internal HDD or Slim CD-ROM + Slim FDD + Two Internal HDD
- Two internal HDDs for operating system with RAID mirroring
- Front access USB 2.0 ports
- Support storage capacity up to 6TB and more.

### System Monitoring

- Buzzer alarm for fan failure, overheat warning and power module failure
- Reset switch to disable audible warning

