

# SAS/SATA Storage Server Chassis



## SA1-0 series

The SA1-0 series is the low-cost way to manage your SAS/SATA storage. LED functions are normally driven from the drives but it can also come from the HBA through the external connector.

• <b>RMC-1KD-SA10-0-R</b>	(1U 2-bay)	2TB capacity
• <b>RMC-1PD-SA10-0-R</b>	(1U 3-bay)	3TB capacity
• <b>RMC-1TD-SA10-0-R</b>	(1U 2-bay)	2TB capacity
• <b>RMC-15D-SA10-0-R</b>	(1.5U 4-bay)	4TB capacity
• <b>RMC-2GD-SA10-0Q1-R</b>	(2U 3-bay)	3TB capacity
• <b>RMC-2QD-SA10-2-R</b>	(2U 6-bay)	6TB capacity

• <b>XC-12-SA10-0-R</b>	(2-bay)
• <b>XC-23D1-SA10-0-R</b>	(3-bay)
• <b>XC-34D1-SA10-0-R</b>	(4-bay)

## SA1-C1 series

The SA1-C1 series handles drive activities such as drive presence, rebuild, access and failure in a cost-effective way. The implementation of CPLD chip enables enclosure status to be sent to the host's I2C bus using SGPIO protocol. This is a cost-effective way to support basic enclosure management functions. However, the implementation of SGPIO is vendor-specific and interoperability test is encouraged.

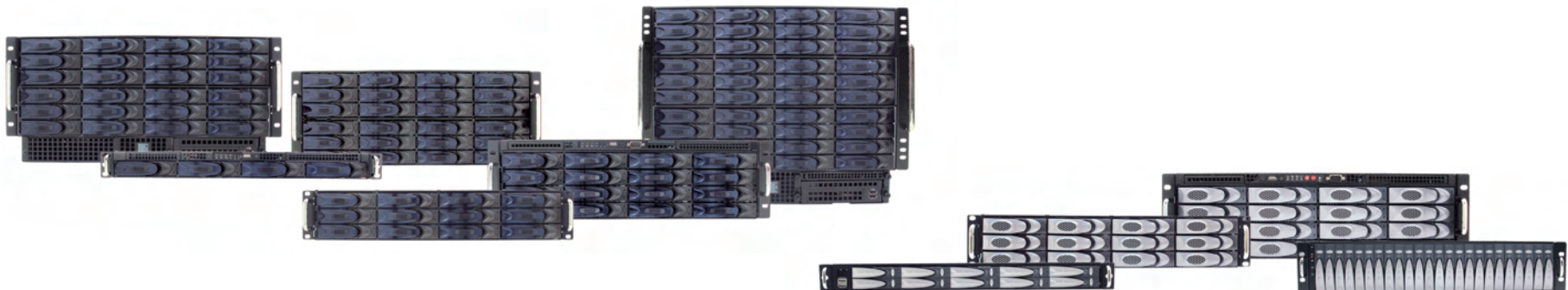
• <b>RSC-1DD2-SA1C1-0-R</b>	(1U 4-bay)	4TB capacity
• <b>RSC-2ED2-SA1C1-2-R</b>	(2U 12-bay)	12TB capacity
• <b>RSC-2EG2-SA1C1-0-R</b>	(2U 12-bay)	12TB capacity
• <b>RSC-2KG2-SA1C1-0-R</b>	(2U 8-bay)	8TB capacity
• <b>RSC-3ED2-SA1C1-2-R</b>	(3U 16-bay)	16TB capacity
• <b>RSC-3EG2-SA1C1-0-R</b>	(3U 16-bay)	16TB capacity

• <b>RSC-3KG2-SA1C1-0-R</b>	(3U 12-bay)	12TB capacity
• <b>RSC-4ED2-SA1C1-0-R</b>	(4U 24-bay)	24TB capacity
• <b>RSC-5ED2-SA1C1-0-R</b>	(5U 24-bay)	24TB capacity
• <b>RSC-8ED-SA1C1-0-R</b>	(8U 40-bay)	40TB capacity
• <b>XC-34D1-SA1C1-0-R</b>	(4U 4-bay)	4TB capacity

## SA1-SD series

The SA1-SD series is designed with Storage Enclosure Processor (SEP) and SCSI Enclosure Services Gen-2 (SES-2) enclosure management protocol, allowing users to efficiently manage server system conditions, such as HDD failure LED, fan speed, temperature monitoring, PSU monitoring, etc. The in-band communications of the SES-2 data between expander and host RAID card enable the host RAID card to integrate the data into its management software GUI.

• <b>RSC-1A-SA1S-2-R</b>	(1U 10-bay single expander)	1.47TB capacity
• <b>RSC-1A-SA1D-2-R</b>	(1U 10-bay dual expander)	1.47TB capacity
• <b>RSC-2A-SA1S-2-R</b>	(2U 24-bay single expander)	3.53TB capacity
• <b>RSC-2A-SA1D-2-R</b>	(2U 24-bay dual expander)	3.53TB capacity
• <b>RSC-2EC2-SA1S-2-R</b>	(2U 12-bay single expander)	12TB capacity
• <b>RSC-2EC2-SA1D-2-R</b>	(2U 12-bay dual expander)	12TB capacity
• <b>RSC-2EG2-SA1S-0-R</b>	(2U 12-bay single expander)	12TB capacity
• <b>RSC-3EC2-SA1S-2-R</b>	(3U 16-bay single expander)	16TB capacity
• <b>RSC-3EC2-SA1D-2-R</b>	(3U 16-bay dual expander)	16TB capacity
• <b>RSC-3EG2-SA1S-0-R</b>	(3U 16-bay single expander)	16TB capacity
• <b>RSC-3KG2-SA1S-0-R</b>	(3U 12-bay single expander)	12TB capacity





# SAS/SATA HDD Compatibility Guide

## 2.5" SAS Drives:

Vendor	Model No.	Series No.	Capacity (GB)	Result
Fujitsu	-	MAV2036RC	36	Pass
Fujitsu	-	MAY2073RC	73	Pass
Fujitsu	-	MBC2036RC	36	Pass
HITACHI	-	HUC101473CSS300	73	Pass
HITACHI	-	HUC101414CSS300	147	Pass
Seagate	Savvio 10K.1	ST936701SS	36.7	Pass
Seagate	Savvio 15K	ST936751SS	36	Pass
Seagate	Savvio 15K	ST973401SS	73	Pass
Seagate	-	ST973451SS	73	Pass
Seagate	Savvio 10K.2	ST9146802S	146	Pass

## 3.5" SAS Drives:

Vendor	Model No.	Series No.	Capacity (GB)	Result
Fujitsu	-	MAU3036RC	36	Pass
Fujitsu	-	MAX3073RC	73.5	Pass
Fujitsu	-	MAX3147RC	147	Pass
Fujitsu	-	MAX3036RC	36	Pass
HITACHI	Ultrastar 15K147	HUS151414VLS300	147	Pass
HITACHI	-	HUS153030VLS300	300	Pass
HITACHI	-	HUS153073VLS300	73	Pass
HITACHI	-	HUS153014VLS300	147	Pass
Seagate	Cheetah 15K.4	ST336754SS	36.7	Pass
Seagate	Cheetah 15K.4	ST3146855SS	146	Pass
Seagate	-	ST3300655SS	300	Pass
Seagate	-	ST3750630SS	750	Pass
Seagate	-	ST31000640SS	1000	Pass

## 2.5" SATA Drives:

Vendor	Model No.	Series No.	Capacity (GB)	Result
Fujitsu	-	MHV2040BH	40	Pass
Fujitsu	-	MHV2060BH	60	Pass
Fujitsu	-	MHV2100BH	100	Pass
Fujitsu	-	MHW2060BH	60	Pass



### 3.5" SATA II/SATA Drives:

Vendor	Model No.	Series No.	Capacity (GB)	Result
HITACHI	Deskstar T7K500	HDT725025VLA380 (SATA II)	250	Pass
HITACHI	Deskstar T7K500	HDT725032VLA360 (SATA II)	320	Pass
HITACHI	Deskstar 7K400	HDS724040KLSA80	400	Pass
HITACHI	Deskstar E7K500	HDS725050KLA360 (SATA II)	500	Pass
HITACHI	-	HDT725050VLA360 (SATA II)	500	Pass
HITACHI	-	HDS721010KLA330 (SATA II)	1000	Pass
HITACHI	-	HUA721010KLA330 (SATA II)	1000	Pass
Seagate (Maxtor)	-	DiamondMax Plus 9	80	Pass
Seagate (Maxtor)	-	MaXLine IV 7H500F0 (SATA II)	500	Pass
Seagate	SATA NCQ	ST3400832AS	400	Pass
Seagate	SATA NCQ	ST3500641AS	500	Pass
Seagate	Barracuda Es	ST3750640NS (SATA II)	750	Pass
Seagate	-	ST3100034NS (SATA II)	1000	Pass
Seagate	-	ST3750330NS (SATA II)	750	Pass
Western Digital	-	WD360GD-00FNA0	36	Pass
Western Digital	-	WD740GD-00FLX0	74	Pass
Western Digital	-	WD800JD-00LSA0 (SATA II)	80	Pass
Western Digital	-	WD2500JD-00HBA0	250	Pass
Western Digital	-	WD2500JD-00HBB0	250	Pass
Western Digital	-	WD2500JD-00GBB0	250	Pass
Western Digital	-	WD2500SD-01KCB0	250	Pass
Western Digital	-	WD2500KS-00MJB0 (SATA II)	250	Pass
Western Digital	WD RE2	WD5000YS-01MPB0 (SATA II)	500	Pass
Western Digital	WD RE2	WD5000KS-00MNB0 (SATA II)	500	Pass
Western Digital	-	WD7500AYYS-01RCA0 (SATA II)	750	Pass
Western Digital	-	WD1000FYPS-01ZKB (SATA II)	1000	Pass
Western Digital	-	WD5000ABYS (SATA II)	500	Pass
Western Digital	-	WD5000ABPS-01ZZB (SATA II)	500	Pass

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\*\*The listed compatible components are for reference only. Please check with respective vendor for firmware update.  
For more information on SAS enclosure, please call 1-866-800-0056.

- For more information on where to buy, please visit our website at [www.aicpc.com/WhereToBuy.aspx](http://www.aicpc.com/WhereToBuy.aspx)
- For more information on our SAS products, please visit our website at [www.aicpc.com/sas](http://www.aicpc.com/sas)

