

# RSC-2EG2



Rackmount Storage Chassis

ENCLOSURE SOLUTIONS GROUP (ESG)

## Applications

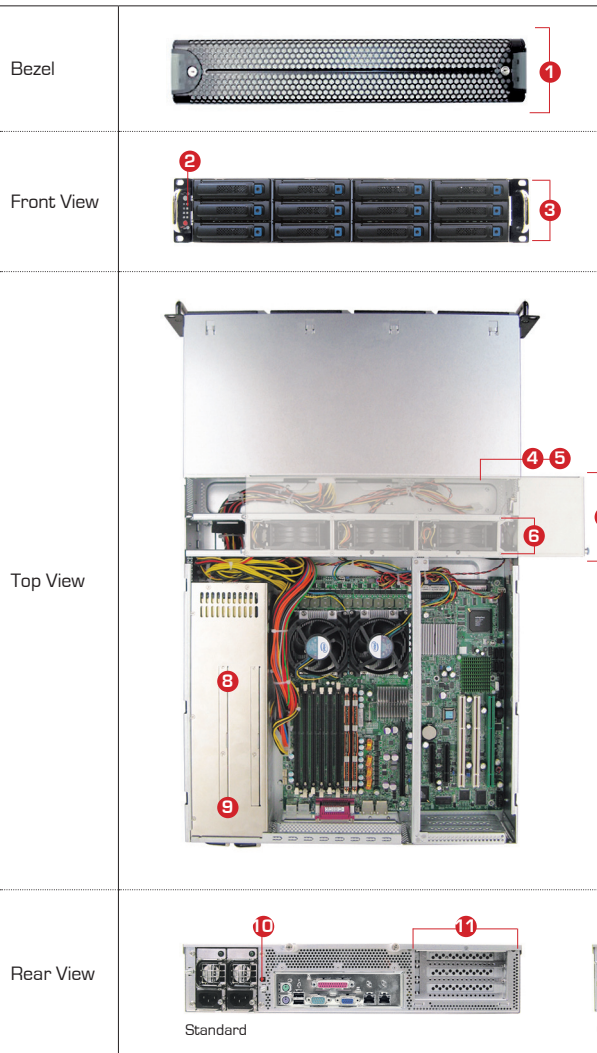
- Database Server
- Enterprise Storage Server
- Near-line Storage Server
- Virtual Tape Library
- NAS / iSCSI
- CCTV Surveillance DVR
- Medical Imaging
- Digital Content Delivery



RSC-2EG2-0 is a new series of 2U 12-bay SAS/SATA storage server chassis from AIC. This environmentally friendly solution features high-efficiency power supply, SPGC pre-plated steel with minimal paint, tool-less ball-bearing mounting rail, and hot-swappable rear OS drives, offering a cost-effective solution ideally suited for a broad range of applications.

Dimensions (W x D x H)  
(with chassis ears/protrusions)

mm : 482.6 x 700 x 88.8  
inches : 19 x 27.5 x 3.5



## Features & Benefits

- 1 Front bezel with key lock for data security and protection
- 2 Power on/off, system reset and LEDs for Power, HDD & LAN
- 3 Twelve(12) external 3.5" hot-swap HDD supported
- 4 SAS Backplane supporting SAS and SATA disk drives (Non-expander version has CPLD-SGPIO support)
- 5 SAS expander: Vitesse VSC7153 24-PHY SAS 3.0 (Only available for Expander version)
- 6 Three(3) hot-swap middle fans for optimized cooling
- 7 Middle cover can be removed for hot-swap fan access
- 8 With 1U PSU:  
Two(2) 2.5" hot-swap HDD supported or  
One(1) 3.5" or two(2) 2.5" internal HDD supported  
With 2U PSU: (Std)  
Two(2) 2.5" internal HDD supported  
(mounted adjacent to PSU)
- 9 Single or hot-swap redundant high efficiency (>84%) power supply (1+1 module) maximizes server protection options
- 10 Rear access power supply alarm reset
- 11 Three(3) PCI slots via riser card or  
Seven(7) low profile slots



## SPECIFICATIONS

Industry Standard : EIA-RS310D			
Materials : Heavy-duty preplated SPGC cold-rolled steel			
Finish :	Front Panel : Texture-coated		
Cooling :	Middle : 3 x 80x38mm hot-swap fans		
Power Supply :	65R 650W 1+1 hot-swap redundant 80+		
	80R 800W 1+1 hot-swap redundant 80+		
Expansion : 3 x PCI slots via riser card(full height, full length) or 7 x low profile PCI slots			
Controls : Power on/off and system reset			
Indicators : Power, 2 x LAN and HDD LEDs			
System Board : 12"(W) x 13"(D) E-ATX/SSI EEB 3.6 compliant MB			
Drive Bay :	External	5.25"	0
		3.5"	0
		3.5" hot-swap	12
		2.5" hot-swap	
	Internal	3.5" HDD	2 x 2.5" hot-swap, 1 x 3.5" internal, or 2 x 2.5" internal
		2.5" HDD	
Drive Bay :	Slim CD-Rom/DVD-Rom	0	
	Slim FDD	0	
Temperature : 0°C(32°F) ~ 50°C(122°F)			
Humidity : 5%~95% non-condensing			
Gross Weight : 26.7kgs / 58.7lbs (w/ M1U2-5650V & Rail)			
Packaging Dimension (W x D x H) :		mm : 606 x 939 x 258	
Cubic Feet : 5.2			
Reference Container Loading :	20'	180	
	40'	375	
	40' H	450	
Backplane :	BKP-SAS3-4G-R	SAS/SATA 3G 4-in-1 BP with SGPIO support	
	BKP-SAS3-12EG-R	SAS 3G 12-in-1 expander BP with SES2 support	
Riser Card Options :	RCD-2U3PCI32	RCD-2U3PCI32RIB-R	
	RCD-2U2PCI32PCIE8XRIB-R	RCD-E161P2R-3	
Mounting Options :	SLR-TL28G-TW-AR		

### Ordering Information

Part Numbers	Descriptions
<b>RSC-2EG2-65R-SA1C1-0A-R</b>	2U w/ 650W redundant 80+ PSU, SAS/SATA 3G 4-in-1 BP w/ SGPIO support, 1x3.5 or 2x2.5 internal OS HDD support
<b>RSC-2EG2-65R-SA1S-0A-R</b>	2U w/ 650W redundant 80+ PSU, SAS 3G 12-in-1 expander BP w/ SES2 support, 1x3.5 or 2x2.5 internal OS HDD support
<b>RSC-2EG2-80R-SA1C1-0B-R</b>	2U w/ 800W redundant 80+ PSU, SAS/SATA 3G 4-in-1 BP w/ SGPIO support, 2x2.5 internal OS HDD support
<b>RSC-2EG2-80R-SA1S-0B-R</b>	2U w/ 800W redundant 80+ PSU, SAS 3G 12-in-1 expander BP w/ SES2 support, 2x2.5 internal OS HDD support

Replacement Parts	Part Numbers	Descriptions
Backplane/ Expander	BKP-SAS3-4G-R	SAS/SATA 3G 4-IN-1 BP WITH SGPIO SUPPORT
	BKP-SAS3-12EG-R	SAS 3G 12-IN-1 EXPANDER BP WITH SES2 SUPPORT
Fan	FAN-8038-2UG-MOR	80X38MM HOT-SWAP FAN WITH MODULE CIRCUIT BOARD
Mounting Rail	SLR-TL28G-TW-AR	28" TOOL-LESS RAIL FOR G-SERIES CHASSIS
HDD Bracket/Kit	BKT-HDD-3UG235I-R	1 X 3.5" OR 2 X 2.5" INTERNAL OS HDD BRACKET (WHEN USING 1U POWER SUPPLY)
	BKT-HDD-G25I-R	2 X INTERNAL 2.5" OS HDD BRACKET (WHEN USING 2U POWER SUPPLY)
	BKT-HDD-3UG25H-R	2 X HOT-SWAPPABLE 2.5" OS HDD KIT
HDD Carrier	HDT-G-R	STANDARD G-SERIES DRIVE CARRIER FOR 3.5 INCH SAS/SATA DRIVE
	HDT-F25-R	SINGLE 2.5" HDD CARRIER FOR REAR HOT-SWAPPABLE OS HDD KIT
Power Supply	PSU-SR800E-Z2UG-R	R2G-5800V 800W 2U REDUNDANT POWER SUPPLY
	PSU-SR650E-ZM1U2-R	M1U2-5650V 650W 1U REDUNDANT POWER SUPPLY
Power Supply Module	PSM-SR800E-Z2UG-R	R2G-5800V 2U REDUNDANT POWER SUPPLY MODULE
	PSM-SR650E-ZM1U2-R	M1U2-5650V 1U REDUNDANT POWER SUPPLY MODULE