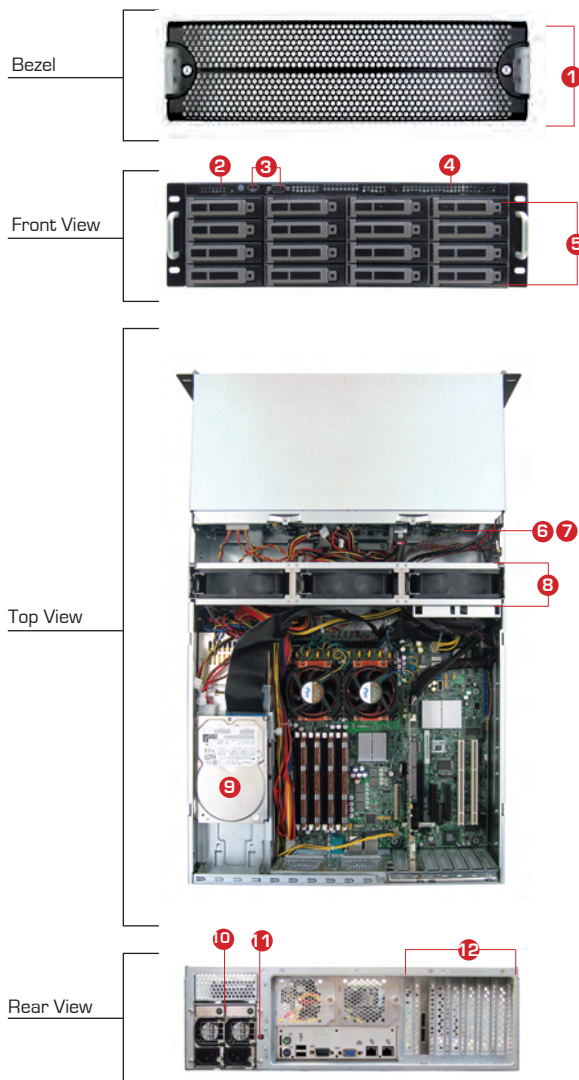# RSC-3EG2-0

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

RSC-3EG2-0 is a G-series 3U 16-bay SAS/SATA storage server chassis. 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 option, offering a cost-effective solution ideally suited for a broad range of applications.

Bezel

Front View

Top View

Rear View

Features & Benefits	
❶	Front bezel with key lock for data security and protection
❷	Power on/off, system reset and LEDs for Power, HDD & LAN
❸	Front access USB port & serial console
❹	One(1) external slim CD/DVD-ROM supported
❺	Sixteen(16) external 3.5-inch hot-swap HDD supported
❻	SAS Backplane supporting SAS and SATA disk drives (Non-expander version has CPLD-SGPIO support)
❼	SAS expander: Vitesse VSC7153 24-PHY SAS 3.0 (Only available for Expander version)
❽	Three(3) hot-swap middle fans for optimized cooling
❾	Standard: One(1) internal 3.5-inch internal HDD supported, or Optional: Two(2) internal 2.5-inch internal HDD supported, or Two(2) 2.5-inch SFF SAS/SATA hot-swap HDD supported
❿	Hot-swap redundant high efficiency (>84%) power supply (1+1 module) maximizes server protection
⓫	Rear access power supply alarm reset
⓬	Seven(7) PCI slots attribute to expansion and scalability

AIC
Advanced Industrial Computer, Inc.
PSG Platform Solutions Group   Xtore Xtore Extreme Storage

Model Number : RSC-3EG2-0		
Industry Standard : EIA-RS310D		
Materials : Heavy-duty preplated SPGC cold-rolled steel		
Finish :	Body : Zinc-plated with bright chromate	
	Front : Texture-coated	
Dimensions : (W x D x H)	mm : 482.6 x 700 x 132.5	
	inches : 19 x 27.5 x 5.25	
Cooling :	Middle : 3 x 120x38mm hot-swap fans	
Power Supply :	800W high efficiency (>84%) 1+1 hot-swap redundant PFC	
Expansion : Up to 7 x PCI slots (full height, full length)		
Controls : Power on/off and system reset + USB + serial port		
Indicators : Power, 3 x Fan, 2 x LAN and HDD LEDs		
System Board : 12"(W) x 13"(D) E-ATX/SSI EEB 3.6 compliant M/B		

Drive Bay :	Hot-swappable	16 x 3.5" Options: 2 x 2.5" SFF SAS/SATA hot-swap OS bays
	Internal	1 x 3.5" OS HDD bay Options: 2 x 2.5" OS HDD bays
Peripheral Bay :	DVD/CD-Rom	1 (slim)
	Floppy	0
Temperature : 0ºC(32ºF) ~ 50ºC(122ºF)		
Humidity : 5%~95% non-condensing		
Gross Weight : 29.4kgs / 64.8 lbs		
Packaging Dimension (W x D x H) :		mm : 615 x 940 x 340
Cubic Feet : 7		
Reference Container Loading :	20'	130~140
	40'	270~280
	40' H	330~340
Backplane :		SAS 3G with SGPIO support
Expander :		SAS 3G with SES2 support

Ordering Information

SKU Numbers	Descriptions
RSC-3EG2-80R-SA1C1-0A-R	SAS/SATA backplane with SGPIO support, 1 x 3.5"internal OS HDD support
RSC-3EG2-80R-SA1C1-0B-R	SAS/SATA backplane with SGPIO support, 2 x 2.5" internal OS HDD support
RSC-3EG2-80R-SA1C1-0C-R	SAS/SATA backplane with SGPIO support, 2 x 2.5" hot-swappable OS HDD support
RSC-3EG2-80R-SA1S-0A-R	SAS/SATA backplane and expander with SES2 support, 1 x 3.5" internal OS HDD support
RSC-3EG2-80R-SA1S-0B-R	SAS/SATA backplane and expander with SES2 support, 2 x 2.5" internal OS HDD support
RSC-3EG2-80R-SA1S-0C-R	SAS/SATA backplane and expander with SES2 support, 2 x 2.5" hot-swappable rear OS HDD support

Replacement Parts

	Part No.	Description
Backplane/ Expander	BKP-SAS-4G-R	SAS 3G 4-channel backplane with SGPIO support
	BKP-SAS3-16EG-R	SAS 3G backplane and expander with SES2 support
Fan	FAN-12038-3UG-MOR	120x38mm hot-swap fan with module circuit board
Mounting Rail	SLR-TL28-TW-R	28" tool-less ball-bearing rail
HDD Bracket	BKT-HDD-3UG35I-R	1x Internal 3.5" OS HDD bracket
	BKT-HDD-3UG25I-R	2x Internal 2.5" OS HDD bracket
	BKT-HDD-3UG25H-R	2x hot-swappable 2.5" OS HDD bracket
HDD Carrier	HDT-G-R	Standard G-series drive carrier for 3.5-inch SAS/SATA drive
Power Supply	PSU-SR800E-Z3UG-R	800W high efficiency (>84%) 1+1 hot-swap redundant PFC
Power Supply Module	PSM-SR800E-Z3UG-R	800W single power supply module (GIN-3800V)

Compatibility Guide	www.aicipc.com/CompGuide.aspx
Where to Buy	www.aicipc.com/WhereToBuy.aspx

Remark: All specifications and photos are subject to change without notice.