

SuperStorage 947R-E2CJB



High Availability Storage Appliance Platform

2 Integrated AOM



AOM-SAS3-937EL-JB

Coming Soon

Key Features

Two **hot-pluggable** systems (nodes) in a 4U form factor.

1. High Availability Storage Appliance Platform
2. Redundant Hot-swap expander trays
3. 4 SAS3.0 IO ports
4. 24 Hot-swap 3.5" Drive Bays
5. IPMI 2.0 with dedicated LAN
6. 4x 40mm and 4x 80mm cooling fans
7. 1200W Redundant Power Supplies Titanium Level Certified

[▶ Drivers & Utilities](#) [▶ HDD](#)

Note: Image above may show a varied configuration or optional parts, Please refer to parts list for standard parts included.

Specifications

Product SKUs

SSG-947R-E2CJB ■ SuperServer 947R-E2CJB (Black)

Add-on Module

2x AOM-SAS3-937EL-JB

Drive Bays

Hot-swap ■ 24x 3.5" Hot-swap SAS drive bays with SES2
 ■ SAS drives recommended

Expander

AOM-SAS3-937EL-JB, features:
 • 12Gb SAS3 HDD support
 • Redundancy dual ported SAS architecture
 • Robust AirMax server node connections (SBB specification)

On-Board Devices

SAS ■ SAS3 (12Gbps) via AOM-SAS3-937EL-JB
 ■ Support for Intelligent Platform Management Interface v.2.0
 IPMI ■ IPMI 2.0 with virtual media over LAN and

Chassis

Form Factor ■ 4U Rackmount
 Model ■ CSE-947ETS-RONDBP

Dimensions

Width ■ 17.2" (437mm)
 Height ■ 7" (178mm)
 Depth ■ 27" (686mm)

System Cooling

Fans ■ 4x 80mm and 4x 40mm PWM cooling fans
 ■ Redundant cooling

Power Supply (76mm Width)

1200W Redundant Power Supplies with PMBus

Total Output Power ■ 1000W/1200W

Dimension (W x H x L) ■ 76 x 40.4 x 336 mm

Input ■ 100-127Vac / 15-12A / 50-60Hz
 ■ 200-240Vac / 8.5-7A / 50-60Hz

- KVM-over-LAN support
- ASPEED AST2400 BMC

Front Panel

- Buttons
- Power On/Off button
- LEDs
- Power LED
 - Heartbeat LED
 - 2 SAS link activity LEDs
 - Power Fail LED
 - Overheat/Fan Fail LED

- +12V
 - Max: 83A / Min: 0A (100-127Vac)
 - Max: 100A / Min: 0A (200-240Vac)
- +5Vsb
 - Max: 4A / Min: 0A
- Output Type
 - 19 Pairs Gold Finger Connector

Certification



UL/cUL/CB/BSMI/CE/CCC
Titanium Level
[[Test Report](#)]

Operating Environment / Compliance

- RoHS
- RoHS Compliant
- Environmental Spec.
- Operating Temperature: 10°C to 35°C (50°F to 95°F)
 - Non-operating Temperature: -40°C to 70°C (-40°F to 158°F)
 - Operating Relative Humidity: 8% to 90% (non-condensing)
 - Non-operating Relative Humidity: 5% to 95% (non-condensing)

Parts List

Parts List - (Items Included)

	Part Number	Qty	Description
Motherboard / Chassis	AOM-SAS3-937EL-JB	1	Super AOM-SAS3-937EL-JB
	CSE-947ETS-R0NDBP	1	4U Chassis
Add-on Card / Module	AOM-SAS3-947EL-JB-P	2	SAS3 Expander card support SBB 4U JBOD system, for 24x 3.5-inch SAS3/SAS2/SATA3 drives
Backplane	BPN-SAS3-947	1	24-port 4U SBB SAS3 12Gbps midplane, support up to 24x 3.5-inch SAS3/SATA3 HDD/SSD
Cable 1	CBL-0160L	2	NEMA5-15P to C13 US power cord 16AWG 6ft, PBF (default for high watt)
Cable 2	CBL-PWCD-0160-IS	2	PWCD,US,NEMA5-15P TO IEC60320 C13,6FT,16AWG,13A,125V,RoHS/REACH
Label	LBL-0108	1	CAUTION LABEL FOR REDUNDANT PWR SYSTEMS
Rear Window	MCP-240-93709-0N	2	SC937 X10 JBOD Rear Window for AOM-SAS3-937EL-JB
Rear Window	MCP-240-94704-0N	2	SC947 X10 Standard JBOD Rear Window Light Pipe for AOM-SAS3-937EL-JB
Air Shroud	MCP-310-94701-0N	1	Two set plastic air shroud for SC947
Drive Tray	MCP-220-93703-0B	24	Drive trays support 3.5" SAS HDD/SSD
Fan	FAN-0157L4	4	40x40x56 mm 13K-11K RPM Counter-rotating Fan w/ a 160-mm Wire Coming out from the Fan Inlet Side,RoHS/REACH
Fan	FAN-0164L4	4	80x80x38 mm, 11K RPM, Middle Cooling Fan for SC947 SBB Chassis
Power Supply	PWS-1K23A-1R	2	1200W Redundant Titanium Power Supplies

Optional Parts List

	Part Number	Qty	Description
Converter Tray	MCP-220-93707-0B	-	Hot-swap 3.5" to 2.5" converter drive tray
Global Services & Support	OS4HR3/2/1	-	3/2/1-year onsite 24x7x4 service
	OSNBD3/2/1	-	3/2/1-year onsite NBD service
Software	SFT-OOB-LIC	1	OOB Management Package (per node license)
Software	SFT-DCMS-Single	1	DataCenter Management Package (per node license)