

SuperStorage 937R-E2CJB



High Availability Storage Appliance Platform



Key Features

Two **hot-pluggable** systems (nodes) in a 3U form factor.

1. High Availability Storage Appliance Platform
2. Redundant Hot-swap expander trays
3. 4 SAS3.0 IO ports
4. 16 Hot-swap 3.5" Drive Bays
5. IPMI 2.0 with dedicated LAN
6. 12x 40mm cooling fans
7. 1200W Redundant Power Supplies Titanium Level Certified

▶ [Drivers & Utilities](#) ▶ [HDD](#) ▶ [Manuals](#)

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

Specifications

Product SKUs	
SSG-937R-E2CJB	▪ SuperStorage 937R-E2CJB (Black)
Add-on Module	
2x AOM-SAS3-937EL-JB	
Drive Bays	
Hot-swap	▪ 16 Hot-swap 3.5" Drive Bays ▪ SAS or enterprise SATA HDD only recommended
Expander	
AOM-SAS3-937EL-JB, features:	
<ul style="list-style-type: none"> • 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
IPMI	<ul style="list-style-type: none"> ▪ Support for Intelligent Platform Management Interface v.2.0 ▪ IPMI 2.0 with virtual media over LAN and KVM-over-LAN support ▪ ASPEED AST2400 BMC

Chassis	
Form Factor	▪ 3U Rackmount
Model	▪ CSE-937ETS-R1200NDBP-X10
Dimensions	
Height	▪ 5.12" (130mm)
Width	▪ 17.2" (437mm)
Depth	▪ 26.5" (673mm)
System Cooling	
Fans	▪ 12x 40mm cooling fans
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	<ul style="list-style-type: none"> ▪ 100-127Vac / 15-12A / 50-60Hz ▪ 200-240Vac / 8.5-7A / 50-60Hz
+12V	<ul style="list-style-type: none"> ▪ Max: 83A / Min: 0A (100-127Vac) ▪ Max: 100A / Min: 0A (200-240Vac)
+5Vsb	▪ Max: 4A / Min: 0A
Output Type	▪ 19 Pairs Gold Finger Connector

Front Panel

- | | |
|---------|--|
| Buttons | <ul style="list-style-type: none"> Power On/Off button System Reset button Alarm Mute Switch |
| LEDs | <ul style="list-style-type: none"> Power LED Hard Drive Activity LED 2 SAS link Activity LED System Overheat LED Power Fail LED |



Certification

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

Operating Environment / Compliance

- | | |
|---------------------|---|
| RoHS | <ul style="list-style-type: none"> RoHS Compliant |
| Environmental Spec. | <ul style="list-style-type: none"> 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-937ETS-R1200NDBP-X10	1	3U Chassis
Add-on Card / Module	AOM-SAS3-937EL-JB-P	2	AOM-SAS3-937EL-JB
Backplane	BPN-SAS3-937	1	16-port 3U SBB SAS3 12Gbps midplane, support up to 16x 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
Air Shroud	MCP-310-94701-0N	1	Two set plastic air shroud for SC947
Fan	FAN-0157L4	12	40x40x56 mm 13K-11K RPM Counter-rotating Fan w/ a 160-mm Wire Coming out from the Fan Inlet Side,RoHS/REACH
Drive Tray	MCP-220-93703-0B	16	Drive trays support 3.5" SAS HDD/SSD
Power Supply	PWS-1K23A-1R	2	1200W Redundant Titanium Power Supplies

Optional Parts List

	Part Number	Qty	Description
HDD Converter	MCP-220-93707-0B	-	Black hot-swap 3.5" to 2.5" HDD tray for SBB
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)