

SuperChassis 947HE1C-R2K05JBOD



Key Features

1. Single-Path Storage Enclosure
2. Single canister controllers with field serviceable tray
3. Support 90 3.5"/2.5" Top Loading SATA 6Gb/s / SAS3 12Gb/s Hot-Swappable HDDs
4. 6x SAS3.0 IO ports (MiniSAS HD/SFF-8644)
5. Dedicated IPMI RJ45 management port
6. Redfish OOB management protocol support
7. SCSI Enclosure Services SES-4 support
8. Hot-swappable Tool-less Modular Design for Easy Service and Easy Maintenance
9. Redundant Titanium 2000W power supply

▶ [Chassis Manual](#) ▶ [Drive Options](#) ▶ [Firmware](#)

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

For system validation and quality assurance purposes, system configurations require a minimum of 25% of the available drives be populated with validated Supermicro drives. Please contact your Supermicro sales rep for validated HDD.

Specifications

Product SKUs

- CSE-947HE1C-R2K05JBOD**
 - SuperChassis 947HE1C-R2K05JBOD

Form Factor

- 4U Rackmount Top-Load JBOD Storage Enclosure

Dimensions

- Height**
 - 6.96" (177 mm)
- Width**
 - 17.6" (447 mm)
- Depth**
 - 43.3" (1099 mm)
- Gross Weight**
 - 225 lbs (102.06 kg)
- Net Weight**
 - 130 lbs (58.97 kg)
- Packaging (W x H x L)**
 - N/A
- Palletized Packing (W x H x L)**
 - 35.82" (910 mm) x 29.92" (760 mm) x 53.15" (1350 mm)
- Available Color**
 - Black

Drive Bays

- 90x 3.5"/2.5" hot-swap SAS drive bay with SES3

Qualified SAS Controllers

- AOC-SAS3-9380-8E
- AOC-SAS3-9300-8E
- AOC-SAS3-9405W-16E

Backplane

- Midplane for topload CSE-947 60/90-bay SBB/Twin/single-node system,RoHS
- Adapter board between Expander and HDD BPN for CSE-947H,RoHS
- IPMI control board for CSE-947H top-load 60/90-bay JBOD
- 15-Port HDD Backplane for CSE-947H 60/90-bay top load chassis/server.,RoHS
- JBOD I/O board for CSE-947H top-load 60/90-bay JBOD unit
- SAS3 expander module for top-load 60/90-bay single/twin/SBB CSE-947 project,RoHS

Front Panel

- Button**
 - Power On/Off button
 - System Reset button
 - Unit Identification (UID) button
- LED**
 - HDD activity LED
 - 1 Network activity LEDs
 - System Information LED
 - Unit Identification (UID) LED
 - Power LED

Systems Cooling

- Fans**
 - 6x 8cm hot-swap redundant PWM cooling fan(s)

System Monitoring


- IPMI

Operating Environment (System)

- Operating Temperature Range**
 - 5°C - 35°C (41°F - 95°F)
- Non-Operating Temperature Range**
 - 40°C - 70°C (-40°F - 158°F)
- Operating Relative Humidity Range**
 - 8% - 90% (non-condensing)
- Non Operating Relative Humidity Range**
 - 5% - 95% (non-condensing)

Power Supply

1U 2000W Redundant Titanium AC Power supply, 73.5x40x265mm, CRPS

- Power Efficiency**
 - 96%
- Total Output Power and Input**
 - 1000W with Input 100 - 120Vac
 - 1980W with Input 220 - 230Vac
 - 1800W with Input 200 - 220Vac
 - 2000W with Input 200 - 240Vac
 - 2000W with Input 230 - 240Vac
- AC Input Frequency**
 - 50-60Hz
- Dimensions (L x W x H)**
 - 265 x 73.5 x 40 mm
- Output Type**
 - Backplanes (gold finger)
- +12V**
 - Max: 165A / Min: 0A (220Vac - 230Vac)
 - Max: 150A / Min: 0A (200Vac - 220Vac)
 - Max: 166.7A / Min: 0A (200Vac - 240Vac)(for UL/cUL only)
 - Max: 166.7A / Min: 0A (230Vac - 240Vac)
 - Max: 83.3A / Min: 0A (100Vac - 120Vac)
- +12Vsb**
 - Max: 2.1A / Min: 0A
- Certification**
 - 
Titanium Certified

Regulatory (Power Supply)

- Power Supply Safety / EMC**
 - BSMI
 - CCC
 - CE/EMC
 - FCC class A
 - TUV/CB
 - UL/CUL