

Supermicro SuperChassis 946SE1C-R1K66JBOD 4U 60xLFF 12G SAS/SATA SGL EXP 1600W 1+1

Kod producenta: CSE-946SE1C-R1K66JBOD



Form Factor	Rack 4U
Host Interface	SAS 12Gbps
HDD Interface	SAS, SATA
SAS Expander	Single
Management	IPMI RJ45 port
Hot-swap 3.5" bays	60
Connectors	4 x SFF-8644
PSU	Redundant
Dimensions	437 x 178 x 767mm
PSU Wattage	1600W

Product SKUs



CSE-946SE1C-R1K66JBOD • SuperChassis
946SE1C-R1K66JBOD

Form Factor



- 4U JBOD storage chassis

Dimensions



Height - 7" (178 mm)
Width - 17.2" (437 mm)
Depth - 30.2" (767.08 mm)
Net Weight - 100 lbs (45.36 kg)
Gross Weight - 155 lbs (70.31 kg)
Packaging (W x H x L) - 28" (711 mm) x 33.25" (845 mm) x 42.5" (1080 mm)
Available Color - Black

Drive Bays



- 60 x 3.5" hot-swap SAS/SATA drive bay with SES3

Backplane



- 30-port 4U 946S Top-load SAS3 12Gbps single-expander midplane, support up to 30x 3.5-inch SAS3/SATA3 HDD/SSD

Front Panel



Buttons

- Power On/Off button
- Unit Identification (UID) button
- 1 Network Activity LEDs

LEDs

- Power Status LED
- Power Fail LED
- System Information LED

Systems Cooling



Fans

- 5 x 80mm rear hot-swap exhaust PWM 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 - 60°C (-40°F - 140°F)
Operating Relative Humidity Range - 8% - 90% (non-condensing)
Non-Operating Relative Humidity Range - 5% - 95% (non-condensing)

Power Supply

1600W redundant power supply, Platinum level with PMBus & I2C

Power Efficiency - 94%
Total Output Power and Input

- 1000W with Input 100 - 127Vac
- 1600W with Input 200 - 240Vac

AC Input Frequency - 50-60Hz
Dimensions (L x W x H) - 265 x 73.5 x 40 mm
Output Type

- Backplanes (gold finger)
- Max: 132A / Min: 0.1A (200Vac - 240Vac)
- Max: 82A / Min: 0.1A (100Vac - 120Vac)

+12V

- Max: 2A / Min: 0.2A

+12Vsb

- PDB-PT946S-824
- O/P: 12V/168A

Power Distributor

- +5V Max: 25A
- +3.3V Max: 25A
- -12V Max: 0.6A

Certification - **Platinum Certified**

Regulatory (Power Supply)



Power Supply Safety / EMC

- BSMI
- CCC
- CE/EMC
- FCC class A
- TUV/CB
- UL/CUL

<https://www.superstorage.pl/supermicro-superchassis-946se1c-r1k66jbod-4u-60xlff-12g-sassata-sgl-exp-1600w-11-p-2907.html>