

Storage SuperServer SSG-136R-4MU32JBF

1U front-loading all-flash storage box with 32 hot-swap 2.5" NVMe bays and PCIe 4.0

[./files_SYS/images/System/SSG-136R-4MU32JBF_main.jpg](#)

Key Features

- IPMI management with dedicated LAN
- 32x hot-swap U.2/U.3 NVMe drive bays
- 1000W Redundant Power Supplies
- 4 PCIe Gen4 rear IO ports
- 2 PCIe Gen4 x16 slots
- Qualified SAS HBA / controller: AOC-SLG4-4X4T-O - JBOF, PCIe Gen 4 x16 NVMe retimer (see supported host systems below):
SYS-120U-TNR, SYS-610U-TNR, SYS-220U-TNR, SYS-620U-TNR, SYS-220U-MTNR
SYS-111C-NR, SYS-521C-NR, SSG-521E-E1CR24H, SSG-521E-E1CR24L
AS -1024US-TRT, AS -1124US-TNRP, AS -2024US-TRT, AS -2124US-TNRP
AS -1115HS-TNR, AS -2015HS-TNR, AS -2115HS-TNR

Compare ☐

Specifications

Product SKUs

SuperServer SSG-136R-4MU32JBF

Motherboard

Super BPN-NVME4-136PL-J

On-Board Devices

Chipset System on Chip
Network Connectivity 2 RJ45 1GbE with Realtek
[View AOC Options](#)

Input / Output

LAN 2 RJ45 1 GbE Dedicated BMC LAN ports

Management

Software [SuperCloud Composer®](#)
(<https://www.supermicro.com/en/solutions/management-software/supercloud-composer>).
[Supermicro Server Manager \(SSM\)](#).
(<https://www.supermicro.com/en/solutions/management-software/supermicro-server-manager>).
[Supermicro Update Manager \(SUM\)](#).
(<https://www.supermicro.com/en/solutions/management-software/supermicro-update-manager>).
[Supermicro SuperDoctor® 5 \(SD5\)](#).
(<https://www.supermicro.com/en/solutions/management-software/superdoctor>).
[Super Diagnostics Offline \(SDO\)](#).
(<https://www.supermicro.com/en/solutions/management-software/super-diagnostics-offline>).
[Supermicro Thin-Agent Service \(TAS\)](#).
(<https://www.supermicro.com/en/solutions/management-software/thin-agent-service>).
[SuperServer Automation Assistant \(SAA\)](#).
[New!](#)
(<https://www.supermicro.com/en/solutions/management-software/superserver-automation-assistant>).

Chassis

Form Factor 1U Rackmount
Model **CSE-136TS-R000JNP-U2**

Dimensions and Weight

Height 1.71" (43.6 mm)
Width 17.26" (438.4 mm)
Depth 31.95" (811.7 mm)
Package 8.375" (H) x 24" (W) x 48.5" (D)
Weight Gross Weight: 65 lbs (29.5 kg)
Net Weight: 49 lbs (22.2 kg)
Available Color Silver

Front Panel

LED Network activity
Power status
System information (overheat/UID)
Buttons Power On/Off

Expansion Slots

PCI-Express (PCIe) Default
2 PCIe 4.0 x16 FHHL slots
Configuration [View AOC Options](#)

Drive Bays / Storage

Drive Bays Default: Total 32 bays
Configuration 32 front hot-swap 2.5" NVMe drive bays
[View NVMe Options](#)

System Cooling

Fans 8 Heavy Duty 4cm Fan(s)

Power Supply

2x 1000W

2x 1000W Redundant Titanium Level (96%) power supplies

Dimension (WxHxL) 73.5 x 40 x 185 mm

Input 800W: 100-127Vac / 50-60Hz
1000W: 200-240Vac / 50-60Hz

+12V Max: 66.7A (100Vac-127Vac)
Max: A (100Vdc-240Vdc)
Max: 83A (200Vac-240Vac)
Max: 2.1A

12V SB

Output Type Backplanes (gold finger)

Certification  (http://www.plugloadsolutions.com/80P_id=69&type=2). **Titanium Level**

[**Test Report**

(<https://www.supermicro.com/products/po1K04A-1R.pdf>).]

Operating Environment

ROHS RoHS Compliant

Environmental Spec.	Operating Temperature: 10°C to 35°C (50°F to 95°F)
	Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
	Operating Relative Humidity: 8% to 90% ()
	Non-operating Relative Humidity: 5% to 95% ()

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Parts List

Certain products may not be available in your region
