

Storage SuperServer SSG-136R-4MU32JBF

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



More details here

Key Applications

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;



Form Factor	1U Rackmount Enclosure: 438.4 x 43.6 x 811.7mm (17.26" x 1.71" x 31.95") Package: 609.6 x 212.725 x 1231.9mm (24" x 8.375" x 48.5")
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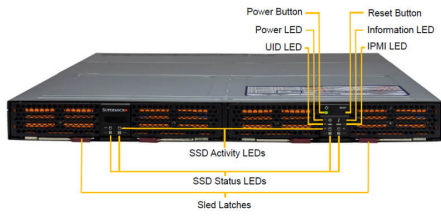
Drive Bays Configuration	Default: Total 32 bays • 32 front hot-swap 2.5" NVMe drive bays
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Expansion Slots	Default • 2 PCIe 4.0 x16 FHHL slots
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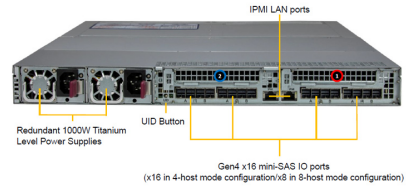
On-Board Devices	2 RJ45 1GbE with Realtek
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Input / Output	2 RJ45 1 GbE Dedicated BMC LAN ports
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(Front View – System)



(Rear View – System)



Location	Description
	PCI-E 4.0 x16 (FHHL) Slot
	PCI-E 4.0 x16 (FHHL) Slot

PCI-E 4.0 x16 PCI-E 4.0 x16

System Cooling	Fans: Up to 8 Heavy Duty 4cm Fan(s)
Power Supply	2x 1000W Redundant Titanium Level (96%) power supplies
Management	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
Dimensions and Weight	Weight: Gross Weight: 65 lbs (29.5 kg) Net Weight: 49 lbs (22.2 kg) Available Color: Silver
Operating Environment	RoHS Compliant 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% ()
Motherboard	Super BPN-NVME4-136PL-J
Chassis	CSE-136TS-R000JNP-U2