SuperBlade SuperServer SBI-612B-1NE34-01-G2

More details here

Key Applications

FSI, AI, EDA, 3D Rendering & Simulation

Gold Configuration Details

- CPU: 1x Intel® Xeon® 6517P (16C/3.2GHz) per node
- Memory: 128GB DDR5-6400 per node
- Storage: 1x 1.92TB M.2 NVMe SSD per node
- NIC: Up to 4x 25G Ethernet switches on the enclosure

Base System Specs

Form Factor	6U
Processor	Single Socket E2 (LGA-4710) Intel® Xeon® 6700/6500 series processors with P-cores or 6700 series processors with E-cores
GPU	Max GPU Count: Up to 1 double-width or 2 single-width GPUs Supported GPU: NVIDIA PCIe: H100 NVL, L40S
System Memory	Slot Count: 16 DIMM slots/16 Channels Max Memory (1DPC): Up to 4TB 6400MT/s ECC DDR5 RDIMM
On-Board Devices	NVMe: NVMe; RAID 0/1/5/10 support(Intel® VROC RAID key required) Chipset: Intel® System on Chip Network Connectivity: 2 RJ45 25GbE
Input / Output	2 RJ45 25 GbE LAN ports (Intel® SOC)

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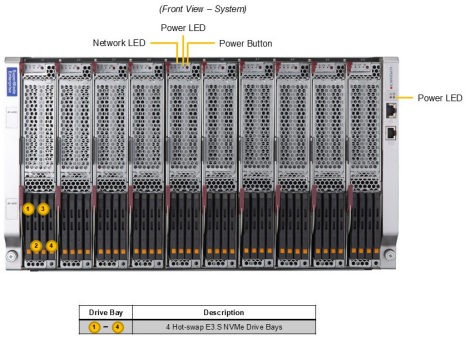

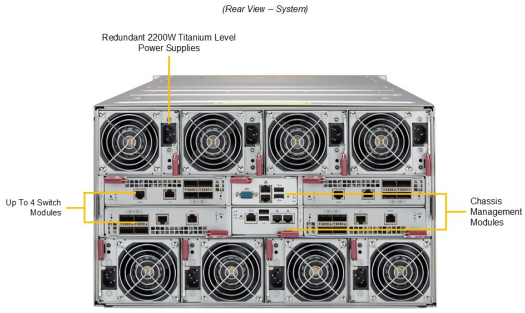

System Cooling	Fans: N/A
Power Supply	1x 3000W Redundant Platinum Level (94%) power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash EEPROM
Management	SuperCloud Composer® (SCC); Supermicro Server Manager (SSM); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
PC Health Monitoring	CPU: 8 Phase-switching voltage regulator Monitors for CPU Cores, Chipset Voltages, Memory Fan: Status monitor for speed control Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors
Dimensions and Weight	Weight: N/A Available Color: N/A
Operating Environment	Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -30°C to 60°C (-22°F to 140°F) Operating Relative Humidity: 8% to 80% (non-condensing) Non-operating Relative Humidity: 8% to 90% (non-condensing)
Motherboard	Super B14SBE-CPU-25G
Chassis	CSE-6U

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