Storage SuperServer SSG-621E-ACR16H

2U front-loading storage server with 16 hot-swap 3.5" SAS/SATA bays (SAS hardware RAID) and PCIe 5.0

More details here

Key Applications

Enterprise Server, iSCSI SAN, HPC, Data Center, Database Processing & Storage, Corporate Database, Appliance Optimized Storage Building Blocks,



Key Features

- Dual Socket E (LGA-4677) 5th/4th Gen Intel® Xeon® Scalable processors;
- Up to 4TB 3DS ECC RDIMM, DDR5-5600MT/s(1DPC) in 16 DIMM slots;
- 2x 10 GbE onboard via Broadcom BCM57416
  1x GbE Dedicated LAN for server remote management: IPMI 2.0 / KVM over LAN / Media over LAN;
- 16x 3.5"/2.5" Hot-swap SAS3/SATA3 drives, 2x Rear 2.5" SATA Slots, 2x NVMe M.2 (form factor: 2280 and 22110);
- 4x 8cm hot-swap counter-rotate redundant PWM cooling fans;
- 1600W Redundant Power Supplies Titanium Level (96%);
- HW RAID support via Broadcom® 3916;

Form Factor	2U Rackmount Enclosure: 437 x 89 x 705mm (17.2" x 3.5" x 27.75") Package: 658 x 274 x 998mm (25.9" x 10.8" x 39.3")
Processor	Dual Socket E (LGA-4677) 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors
System Memory	Slot Count: 16 DIMM slots Max Memory (1DPC): Up to 4TB 5600MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 18 bays • 12 front hot-swap 3.5" SAS/SATA drive bays • 4 internal hot-swap 3.5" SAS/SATA drive bays • 2 rear hot-swap 2.5" SATA drive bays Option A: Total 6 bays • 6 front hot-swap 3.5" PCIe 5.0 x4 NVMe* drive bays (*NVMe support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 2 M.2 PCIe 4.0 x2 NVMe slots (M-key 2280/22110)
Expansion Slots	Default • 4 PCIe 5.0 x16 (in x16) LP slots • 2 PCIe 5.0 x8 (in x8) LP slots
On-Board Devices	Chipset: Intel® C741 Network Connectivity: 2 RJ45 10GbE with Broadcom® BCM57416
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port 2 RJ45 10 GbE LAN ports (Broadcom® BCM57416) (IPMI shared on LAN port 1) USB: 4 USB 3.0 ports(rear) Video: 1 VGA port(Rear) Serial: 1 COM port(Rear) TPM: 1 TPM header

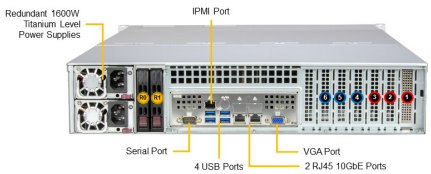
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(Front View – System)



Drive Bay	Description
0 - 5	6 Hot-swap 3.5" SAS3/SATA3/ NVMe Drive Bays
6 - 11	6 Hot-swap 3.5" SAS3/SATA3 Drive Bays

(Rear View – System)



Location	Slot Description
1	PCIe 5.0 x8 (Occupied by S3916 SAS Controller)
2 3	PCIe 5.0 x16
4 5	PCIe 5.0 x16
6	PCIe 5.0 x8

CPU1 CPU2

Location	Description
(h) - (H)	Hot-swap 2.5" SATA3 Drive Bays

System Cooling	Fans: 4 Heavy Duty 8cm Fan(s)
Power Supply	2x 1600W Redundant Titanium Level (96%) Hot-plug power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
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!
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 7+1 Phase-switching voltage regulator FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors Temperature: Monitoring for CPU and chassis environment Thermal Control for fan connectors
Dimensions and Weight	Weight: Gross Weight: 62 lbs (28.12 kg) Net Weight: 41.5 lbs (18.82 kg) Available Color: Silver
Operating Environment	RoHS Compliant Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 8% to 90% (Non-Condensing) Non-operating Relative Humidity: 5% to 95% (Non-Condensing)
Motherboard	**Super X13DEI-T**
Chassis	**CSE-829HTS-R1K62LPBP2**

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