## Storage SuperServer SSG-621E-ACR12H



More details he

## **Key Applications**

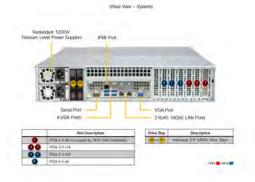
Enterprise Server, iSCSI SAN, HPC, Data Center, Database Processing & Storage, Corporate Database, Appliance Optimized Storage Building Blocks,

## **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;
- 1x GbE Dedicated LAN for server remote management: IPMI 2.0 / KVM over LAN / Media over LAN; 2x 10 GbE onboard via Broadcom BCM57416;
- 12x 3.5"/2.5" Hot-swap SAS3/SATA3 drives, 2x Rear 2.5" SATA Slots, 2x NVMe M.2 (form factor: 2280 and 22110);
- 3x 8cm hot-swap counter-rotate redundant PWM cooling fans;
- 1200W Redundant Power Supplies Titanium Level (96%);
- HW RAID support via Broadcom® 3916;

Form Factor	2U Rackmount Enclosure: 437 x 89 x 650mm (17.2" x 3.5" x 25.6") Package: 673 x 292 x 864mm (26.5" x 11.5" x 34")
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	12x 3.5" hot-swap SATA3/SAS3 drive bays (6x 2.5" NVMe hybrid)(2x 2.5" hot-swap SATA3 rear drive bays) 2 M.2 NVMe M-Key, 2280 and 22110
Expansion Slots	2 PCIe 5.0 x8 LP slot(s) 4 PCIe 5.0 x16 LP slot(s) Note: PCIe slot 1 is occupied by the Storage Controller
On-Board Devices	Chipset: Intel® C741  Network Connectivity: 2x 10GbE BaseT with Broadcom BCM57416  IPMI: Support for Intelligent Platform Management Interface v.2.0  IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
Input / Output	LAN: 1 RJ45 Dedicated IPMI LAN port 2 Onboard 10 GbE LAN Ports USB: 4 USB 3.0 port(s) (4 Rear_USB) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 rear) DOM: 2 SuperDOM (Disk on Module) port





Power Supply  1200W Redundant Titanium Level power supplies  BIOS Type: AMI 32MB SPI Flash EEPROM  Management  Redfish API; Supermicro Server Manager (SSM); Supermicro Power Manager (SPM); Supermicro Update Manager (SUM); SuperDoctor* 5; Super Diagnostics Offline; KVM with dedicated LAN; IPMI 2.0  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  Height: 3.5" (89 mm) Width: 17.2" (437 mm) Depth: 25.6" (650 mm) Gross Weight: 58 lbs (26.3 kg) Net Weight: 34 lbs (15.4 kg) Packaging: 11.5" (N) 25.5" (W) x 34" (D) Available Color: Black  Operating Environment  ROHS: ROHS Compliant 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  Chassis  CSE-826BTS-R1K23LPBP2	System Cooling	Fans: 3 Heavy Duty 8cm Fan(s)
Management  Redfish API; Supermicro Server Manager (SSM); Supermicro Power Manager (SPM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline; KVM with dedicated LAN; IPMI 2.0  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  Height: 3.5" (89 mm) Upoth: 25.6" (89 mm) Gross Weight: 58 lbs (26.3 kg) Net Weight: 34 lbs (15.4 kg) Packaging: 11.5" (H) x 26.5" (W) x 34" (D) Available Color: Black  Operating Environment  ROHS: ROHS Compliant 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) Non-operating Relative Humidity: 5% to 95% (Non-Condensing)	Power Supply	1200W Redundant Titanium Level power supplies
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Chassis CSE-826BTS-R1K23LPBP2	Motherboard	Super X13DEI-T
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