

## Storage SuperServer SSG-631E-E1CR16L

3U front-loading storage server with 16 hot-swap 3.5" SAS/SATA bays and PCIe 5.0



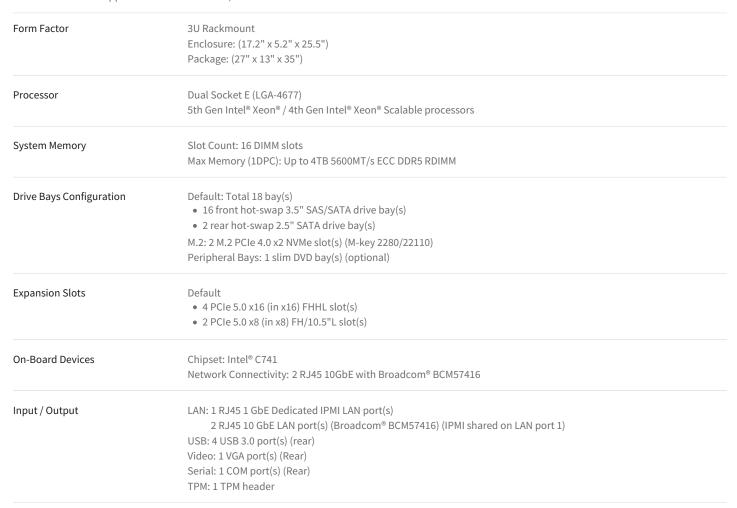
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## **Key Applications**

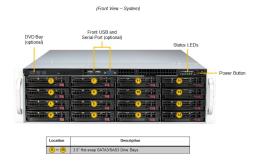
Enterprise Server, iSCSI SAN, HPC, Data Center, Database Processing & Storage, Corporate Database, Appliance Optimized Storage Building Blocks,

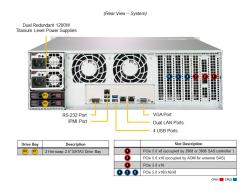
## **Key Features**

- 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);
- 5x 8cm hot-swap counter-rotate redundant PWM cooling fans;
- 1200W Redundant Power Supplies Titanium Level (96%);
- HBA Controller support via Broadcom® 3808;









System Cooling	Fans: 5 Heavy Duty 8cm Fan(s)
Power Supply	2x 1200W Redundant Titanium Level Hot-plug power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline; TAS: Supermicro Thin-Agent Service (TAS); 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: 79 lbs (48 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-condesning)  Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	Super X13DEI-T
Chassis	CSE-836BTS-R1K23BP2