Storage SuperServer SSG-540P-E1CTR60L

4U top-loading storage server with 60 hot-swap SAS/SATA bays and PCIe 4.0

More details here

Key Applications

Database Applications, Backup Storage, Cold Storage, Data Warehousing, Archiving,

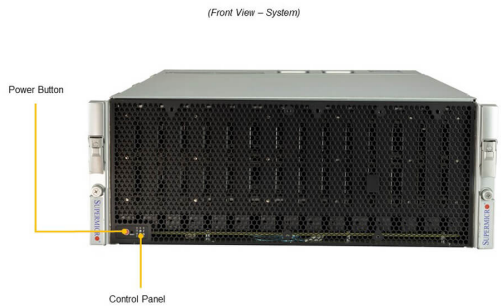
Key Features

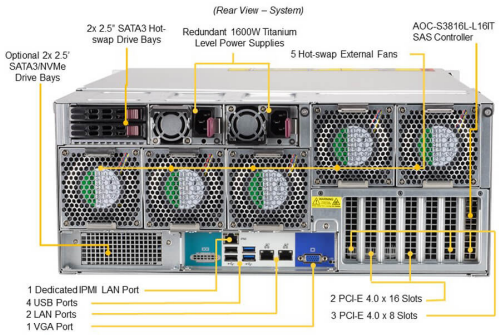
- Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors. Up to 270W TDP.;
- 8 DIMMs; Supports 3DS DDR4-3200: RDIMM/LRDIMM/Intel® Intel® DCPMM;
- 2 PCIe 4.0 x16 (LP) slots, 2 PCIe 4.0 x8 (LP) slots;
- Intel® Ethernet Controller X550 2x 10GbE RJ45;
- 60x Top-loading hot-swap 3.5" or 2.5" SAS3/SATA3 drive bays, 2x Hot-swap 2.5" SATA drive bays (rear), Onboard 1x NVMe/SATA M.2; 2x Hot-swap 2.5" SATA3/NVMe (rear, optional);
- 5 Hot-Swap 8cm redundant PWM fans;
- Redundant Titanium 1600W Power Supply;



Form Factor	4U Rackmount Enclosure: (17.2" x 7" x 30.2") Package: 711 x 845 x 1080mm (28" x 33.25" x 42.5")
Processor	Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 38C/76T; Up to 57MB Cache
System Memory	Slot Count: 8 DIMM slots Max Memory (2DPC): Up to 2TB 3200MT/s ECC DDR4 RDIMM/LRDIMM Supports Intel® Optane™ persistent memory 200 series
Drive Bays Configuration	Default: Total 60 bays • 60 top-loading hot-swap 3.5" SAS/SATA drive bays M.2: 1 M.2 PCIe 3.0 x4 SATA slot (M-key)
Expansion Slots	Default • 3 PCIe 4.0 x8 LP slots • 2 PCIe 4.0 x16 LP slots
On-Board Devices	SATA: SATA (6Gbps) SAS: SAS (12Gbps) ; (IT mode) Chipset: Intel® C621A Network Connectivity: 2 RJ45 10GBASE-T with Intel® X550
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port 2 RJ45 10 GBASE-T LAN ports USB: 4 USB 3.0 ports(rear) Video: 1 VGA port DOM: 2 SuperDOM (Disk on Module) ports

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System Cooling	Fans: 5 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 4+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: 169.5 lbs (76.9 kg) Net Weight: 117 lbs (53 kg) Available Color: Black
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-operating Relative Humidity: 5% to 95% ()
Motherboard	**Super X12SPI-TF**
Chassis	**CSV-946STS-R1K6LPP**

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