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Storage SuperServer SSG-540P-E1CTR60H

Key Applications

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

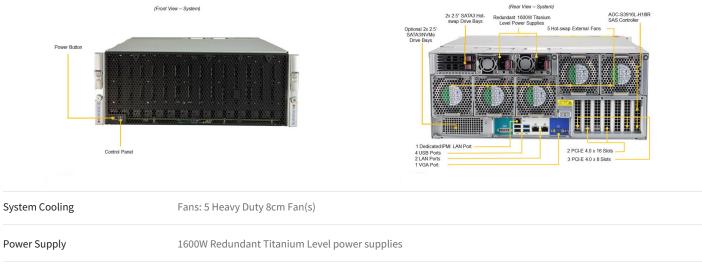
Key Features

- Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors. Up to 270W TDP.;
- 8 DIMMs; Supports 3DS DDR4-3200: RDIMM/LRDIMM/Intel® 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;



• Reduite international 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	60x 3.5" hot-swap SATA3/SAS3 drive bays
	1x PCle 3.0 x4 and SATA
Expansion Slots	3 PCIe 4.0 x8 LP slot(s)
	2 PCIe 4.0 x16 LP slot(s)
On-Board Devices	SATA: SATA3 (6Gbps) via C621A Chipset; RAID 0, 1, 5, 10 support
	SAS: SAS3 (12Gbps) via Broadcom 3916; RAID 0, 1, 5, 6, 10, 50, 60 support
	Chipset: Intel® C621A
	Network Connectivity: 2x 10GbE BaseT with Intel [®] X550
	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 RJ-45 10Gbase-T 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	1600W Redundant Titanium Level power supplies
System BIOS	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 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	Height: 7" Width: 17.2" Depth: 30.2" (767 mm) Gross Weight: 169.5 lbs (76.9 kg) Net Weight: 117 lbs (53 kg) Packaging: 33.25" (H) x 28" (W) x 42.5" (D) Available Color: Black
Operating Environment	ROHS: 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 X12SPI-TF
Chassis	CSV-946STS-R1K6LPP