

UP Storage SuperServer SSG-540P-E1CTR45H



More details here

Key Applications

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

Key Features

- 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;
- 45x Top-loading hot-swap 3.5" 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);
- Redundant Platinum 1600W Power Supply;



Form Factor	4U Rackmount Enclosure: 437 x 178 x 660mm (17.2" x 7" x 26") Package: 711 x 559 x 1067mm (28" x 22" x 42")
Processor	Support Intel® 3rd Gen Xeon® Scalable Processors Single Socket LGA 4189 (Socket P+) supported TDP up to 270W;
System Memory	8 DIMM slots ECC RDIMM, DDR4-3200MHz ECC LRDIMM, DDR4-3200MHz Intel® DCPMM, DDR4-3200MHz
Drive Bays	45x 3.5" hot-swap SATA/SAS drive bays 1x PCIe 3.0 x4 and SATA Form Factor: 2280, 22110 Key: M-key
Expansion Slots	2 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 3908; 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 RJ45 10GBase-T LAN ports USB: 4 USB 2.0 port(s) (2 rear; 2 headers) 5 USB 3.2 Gen 1 port(s) (2 rear; 2 headers; 1 Type A) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 header) DOM: 2 SuperDOM (Disk on Module) port with built-in power



System Cooling	5x (8cm x 8cm x 3.8cm) heavy duty fan(s)
Power Supply	AC 1600W, Platinum Level, Redundant Power Supply 73.5mm width,RoHS/REACH,PBF Dimension (W x H x L): 73.5 x 40 x 265 mm Output Type: Gold Finger
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	NMI; SUM; KVM with dedicated LAN; SPM; Intel® Node Manager; SSM; Redfish API; IPMI2.0
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 7+1 Phase-switching voltage regulator module (VRM) 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" (178 mm) Width: 17.2" (437 mm) Depth: 26" (660 mm) Gross Weight: 120 lbs (54.43 kg) Net Weight: 85 lbs (38.56 kg) Packaging: 22" (H) x 28" (W) x 42" (D) Available Color: Black
Operating Environment	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	Super X12SPI-TF
Chassis	CSE-946LTS-R1K66P1