

UP Storage SuperServer SSG-540P-E1CTR36H



More details here

Key Applications

Enterprise Server, Database Processing & Storage, Appliance Optimized Storage,

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;
- 36x Hot-swap 3.5" SAS3/SATA3 drive bays (24 front + 12 rear), Onboard 1x NVMe/SATA M.2; 2x Hot-swap 2.5" NVMe/SATA (rear, optional); 2x Internal fixed bay support up to 4x 2.5" drive bays (optional);
- Redundant Titanium 1200W Power Supply;



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| Form Factor | 4U Rackmount Enclosure: 437 x 178 x 699mm (17.2" x 7" x 27.5") Package: 656 x 445 x 1003mm (27" x 17.5" x 39.5") |
| 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 | 36x 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 |



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| System Cooling | 7x (8cm x 8cm x 3.8cm) heavy duty fan(s) |
| Power Supply | 1U 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm Dimension (W x H x L): 76 x 40 x 336 mm Output Type: 19 Pairs Gold Finger Connector |
| 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: 27.5" (699 mm) Gross Weight: 102.5 lbs (46.4 kg) Net Weight: 66.5 lbs (29.7 kg) Packaging: 17.5" (H) x 27" (W) x 39.5" (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-847BTS-R1K23LPBP4 |