

UP Storage SuperServer SSG-540P-E1CTR45L

4U UP top-loading storage server with 45 hot-swap 3.5" 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;
- 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	Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 40C/80T; Up to 60MB 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 47 bay(s) <ul style="list-style-type: none"> • 45 top-loading hot-swap 3.5" SAS/SATA drive bay(s) • 2 rear hot-swap 2.5" SATA drive bay(s)
Expansion Slots	Default <ul style="list-style-type: none"> • 2 PCIe 4.0 x8 LP slot(s) • 2 PCIe 4.0 x16 LP slot(s)
On-Board Devices	SATA: SATA (6Gbps) SAS: SAS (12Gbps) ; (IT mode) NVMe: NVMe; RAID 0/1 support(Intel® VROC RAID key required) Chipset: Intel® C621A Network Connectivity: 2 RJ45 10GBASE-T with Intel® X550
Input / Output	LAN: 1 RJ45 1 GbE Dedicated IPMI LAN port(s) 2 RJ45 1 GBASE-T LAN port(s) USB: 2 USB 2.0 port(s) (header) 2 USB 2.0 port(s) (rear) 1 Type-A port(s) 2 port(s) (header) 2 port(s) (rear) Video: 1 VGA port(s) DOM: 2 Super DOM (Disk on Module) port(s) with built-in power

