

UP Storage SuperServer SSG-540P-E1CTR45H

4U UP top-loading storage server with 45 hot-swap 3.5" SAS/SATA bays (SAS hardware RAID) and PCIe 4.0



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® 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/8 Channels Max Memory (1DPC): 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) Option A: Total 49 bay(s) <ul style="list-style-type: none"> • 2 rear hot-swap 2.5" SATA drive bay(s) • 2 rear hot-swap 2.5" PCIe 4.0 NVMe*/SAS*/SATA* drive bay(s) • 45 top-loading hot-swap 3.5" SAS/SATA drive bay(s) (*NVMe/SAS/SATA support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 1 M.2 PCIe 3.0 x4 NVMe/SATA slot(s) (M-key 2280/22110)
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) via Intel® C621A; RAID 0/1/5/10 support SAS: SAS (12Gbps) via Broadcom® 3908; RAID 0/1/5/6/10/50/60 support NVMe: NVMe; RAID 0/1 support(Intel® VROC RAID key required) Chipset: Intel® C621A Network Connectivity: 2 RJ45 10GbE with Intel® X550
Input / Output	LAN: 2 RJ45 1 GbE LAN port(s) 1 RJ45 1 GbE Dedicated IPMI LAN port(s) (IPMI shared on LAN port 1) USB: 2 USB 2.0 port(s) (header) 2 USB 3.2 Gen1 Type-A port(s) (rear) 2 USB 2.0 Type-A port(s) (rear) 2 USB 3.2 Gen1 port(s) (Header) 1 USB 3.2 Gen1 Type-A port(s) Video: 1 VGA port(s)

