

Storage SuperServer SSG-640SP-DE1CR60

4U 2-node top-loading storage server with 60 hot-swap 3.5" SAS/SATA bays and PCIe 4.0



[More details here](#)

Key Applications

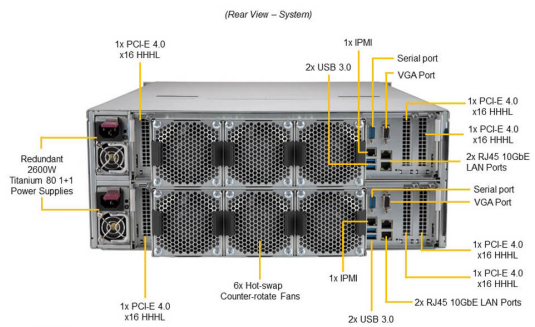
Big Data & Analytics, Data Lake, HPC and AI/ML Workloads, Telco & Cloud Service Providers, Financial Services & Healthcare Image Archives, Content Repositories, Government Data Protection,

Key Features

- Dual socket 3rd Gen Intel® Xeon® Scalable processors, up to 72 Cores Per Node;
- 16 ECC DDR4-3200: LRDIMM/RDIMM;
- 3 x PCIe 4.0 x16 HHHL PCIe slots;
- 60 3.5"/2.5" Hot-swap SAS3/SATA3 drives (Each node controls 30 drives);
- 6x 8cm hot-swap counter-rotate redundant PWM cooling fans;
- 2600W Redundant Power Supplies Titanium Level (96%);
- Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN Drive Controller support via Broadcom® 3916 or 3616;
- Two **hot-pluggable** systems (nodes) in a 4U form factor. Each node supports the following;;



Form Factor	4U Rackmount Enclosure: (17.6" x 7" x 34.1") Package: (31.89" x 29.92" x 44.88")
Processor	Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 36C/72T; Up to 54MB Cache per CPU
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): Up to 4TB 3200MT/s ECC DDR4 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 32 bays <ul style="list-style-type: none"> • 2 internal fixed 2.5" SATA drive bays • 30 top-loading hot-swap 3.5"/2.5" SAS/SATA drive bays M.2: 2 M.2 NVMe slots (M-key)
Expansion Slots	Default <ul style="list-style-type: none"> • 3 PCIe 4.0 x16 LP slots
On-Board Devices	Chipset: Intel® C621A Network Connectivity: 2 RJ45 10GBASE-T
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port 2 RJ45 10 GBASE-T LAN ports USB: 2 USB 3.0 ports(rear) Video: 1 VGA port DOM: 2 Super DOM (Disk on Module) ports



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