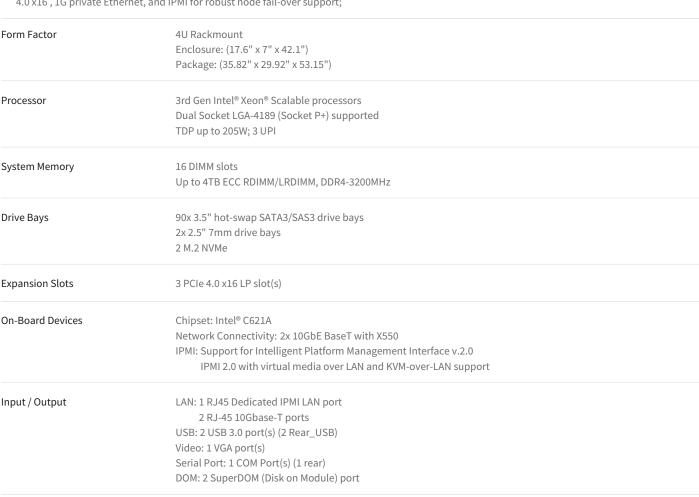
## Storage SuperServer SSG-640SP-DE2CR90

## **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,

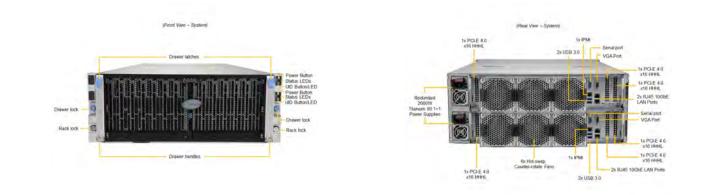
## **Key Features**

- Dual socket 3rd Gen Intel<sup>®</sup> Xeon<sup>®</sup> Scalable processors, up to 72 Cores Per Node;
- 16 ECC DDR4-3200: LRDIMM/RDIMM;
- 3 x PCIe 4.0 x16 HHHL PCIe slots;
- 90 3.5"/2.5" Hot-swap SAS3 drives, 2x Fixed slim SATA SSD, 2x NVMe M.2 (form factor: 2280 and 22110);
- 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; HBA Controller support via Broadcom<sup>®</sup> 3616;
- Dedicated node to node connectivity featuring high performance NTB PCIe 4.0 x16 , 1G private Ethernet, and IPMI for robust node fail-over support;









System Cooling	6x 8cm heavy duty fan(s)
Power Supply	1U 2600W redundant power supply
	Dimension (W x H x L): 73.5 x 40 x 265 mm
	Output Type: 25 Pairs Gold Finger Connector
System BIOS	BIOS Type: AMI 128MB SPI Flash EEPROM
Management	SuperDoctor <sup>®</sup> 5; Watch Dog; NMI; SUM; IPMI 2.0
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory
	4+1 Phase-switching voltage regulator
	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"
	Width: 17.6"
	Depth: 42.1"
	Gross Weight: 240 lbs (108.86 kg)
	Net Weight: 150 lbs (68.04 kg)
	Packaging: 29.92" x 35.82" x 53.15" Available Color: Black
Operating Environment	ROHS: RoHS Compliant
	Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F)
	Non-operating Temperature: -40°C to 60°C (-40°F to 140°F)
	Operating Relative Humidity: 8% to 90% (Non-Condensing)
	Non-operating Relative Humidity: 5% to 95% (Non-Condensing)
Motherboard	Super X12DSC-6
Chassis	CSV-947HTS-R2K63P