

# Storage SuperServer SSG-620P-ACR16L



More details here

## Key Applications

Enterprise Server, iSCSI SAN, HPC, Data Center, Database Processing & Storage, Corporate Database,

## Key Features

- Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable Processors;
- 16 ECC DDR4-3200: LRDIMM/RDIMM + 2 Intel® Optane™ Persistent Memory Dedicated Slots;
- 2x 10Gbe;
- 16x 3.5" hot-swap hybrid SATA/SAS drive bays (4 NVMe Hybrid Ports); 2 Rear SATA Slots; onboard 1 M.2 NVMe;
- 3 heavy duty fans with optimal fan speed control; 1 Air Shroud;
- 1600W Redundant Power Supplies Titanium Level (96%);
- Broadcom® 3816 Controller;



Form Factor	2U Rackmount Enclosure: 437 x 89 x 705mm (17.2" x 3.5" x 27.75") Package: 658 x 274 x 998mm (25.9" x 10.8" x 39.3")
Processor	3rd Gen Intel® Xeon® Scalable processors Dual Socket LGA-4189 (Socket P+) supported TDP up to 270W; 3 UPI
System Memory	16 DIMM slots Up to 18TB Intel® DCPMM, DDR4-2666MHz Up to 4TB ECC RDIMM/LRDIMM, DDR4-3200MHz
Drive Bays	16x 3.5" hot-swap SATA3/SAS3 drive bays (4x 3.5" NVMe hybrid) 1 M.2 NVMe
Expansion Slots	4 PCIe 4.0 x16 LP slot(s) 1 PCIe 4.0 x8 LP slot(s) Note: PCIe slot 1 is occupied by the Storage Controller
On-Board Devices	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 RJ-45 10Gbase-T ports USB: 4 USB 3.0 port(s) (4 Rear_USB) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 rear) DOM: 2 SuperDOM (Disk on Module) port



System Cooling 4x 8cm heavy duty fan(s)

Power Supply 1U 1600W Redundant Titanium AC Power Supply with PMbus 73.5x203x40mm  
Dimension (W x H x L): 73.5 x 40 x 203 mm  
Output Type: Gold Finger Connector

System BIOS BIOS Type: AMI 128MB SPI Flash EEPROM

Management SuperDoctor® 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: 3.5" (89 mm)  
Width: 17.2" (437 mm)  
Depth: 27.75" (705 mm)  
Gross Weight: 62 lbs (28.12 kg)  
Net Weight: 41.5 lbs (18.82 kg)  
Packaging: 10.8" (H) x 25.9" (W) x 39.3" (D)  
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 X12DPI-NT6](#)

Chassis [CSE-829HE1C4-R1K62LPB](#)