

Storage SuperServer SSG-620P-ACR12L



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;
- 12x 3.5" hot-swap hybrid SATA/SAS drive bays (4 NVMe Hybrid Ports); 2 rear SATA 2.5" slots; onboard 1 M.2 NVMe;
- 3 heavy duty fans with optimal fan speed control; 1 Air Shroud;
- Broadcom® 3816 Controller;



Form Factor

2U Rackmount
Enclosure: (17.3" x 3.5" x 25.5")
Package: (27" x 12" x 35")

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

12x 3.5" hot-swap SATA3/SAS3 drive bays; 4x 3.5" NVMe hybrid;
Optional RAID support via RAID/HBA controller AOC

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 3x 8cm heavy duty fan(s)

Power Supply 1U 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm
Dimension (W x H x L): 76 x 40 x 336 mm
Output Type: 19 Pairs 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"
Width: 17.3"
Depth: 25.5"
Gross Weight: 61 lbs (27.7 kg)
Net Weight: 34 lbs (15.4 kg)
Packaging: 12" x 27" x 35"
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 CSV-826BTS-R1K23LPBP2