## **Storage SuperServer SSG-620P-ACR12L**



## **Key Applications**

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

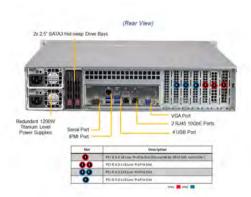
## **Key Features**

- 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 Hyprid 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
	TDF up to 270W, 3 OF I
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)





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