

# Storage SuperServer SSG-610P-ACR12N4H



More details here

## Key Applications

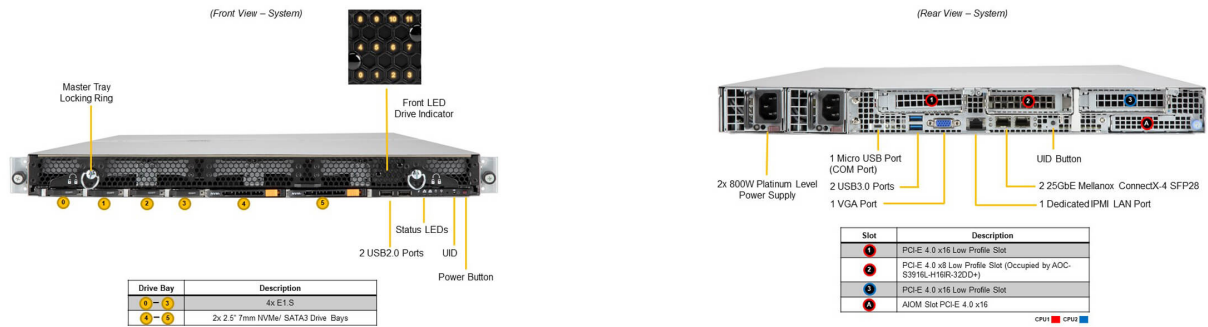
Database Applications, Hyperscale Data Center, Object Storage, Big Data Analytics, Scale-Out Density, Hadoop & Ceph storage solutions, Scale-out NAS,

## Key Features

- Up to 4TB ECC DDR4-3200: LRDIMM/RDIMM;
- 2x 25G SFP+ Ports Onboard;
- 12x 3.5" hot-swap SAS/SATA, 4x hot-swap EDSFF Short Bays, 2x 2.5" 7mm NVMe/Hot-Swap SATA drive bays; 4x E1.S (EDSFF Short) NVMe drives;
- RAID support via Broadcom® 3916;
- 2x 25Gb SFP28 onboard; PCIe 4.0 x16 AIOM Support + 3 PCIe 4.0 LP Slots; Front LED Indicator for each drive;



Form Factor	1U Rackmount Enclosure: (17.6" x 1.7" x 37") Package: (27" x 12" x 53.15")
Processor	Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 38C/76T; Up to 57MB Cache per CPU Supports 120W - 120W TDP CPUs (Air Cooled)
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): Up to 4TB 3200MT/s ECC DDR4 RDIMM/LRDIMM
Drive Bays	12x 3.5" hot-swap SATA3/SAS3 drive bays 4x E1.S and 2x 2.5" 7mm 2 M.2 NVMe OR 2 M.2 SATA3 M-Key, 2280
Expansion Slots	2 PCIe 4.0 x16 LP slot(s) 1 PCIe 4.0 x8 LP slot(s) 1 PCIe 4.0 x16 AIOM slot(s) Note: PCIe slot 2 is occupied by the Storage Controller
On-Board Devices	Chipset: Intel® C621A Network Connectivity: 2x 25GbE SFP28 with Mellanox® 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 1x 25G SFP+ LAN ports USB: 2 USB 2.0 port(s) (2 Front_USB) 2 USB 3.0 port(s) (2 Rear_USB) Video: 1 VGA port(s) Serial Port: 1 Serial



System Cooling	Fans: 6 Heavy Duty 4cm Fan(s)
Power Supply	800W Redundant Platinum Level power supplies
System BIOS	BIOS Type: AMI 128MB SPI Flash EEPROM
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Power Manager (SPM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; 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: 1.7" Width: 17.6" Depth: 37" Gross Weight: 61 lbs (27.7 kg) Net Weight: 34 lbs (15.4 kg) Packaging: 12" x 27" x 53.15" Available Color: Silver
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	<a href="#">Super X12DPD-A6M25</a>
Chassis	CSV-802ETS-R804AMP