Storage SuperServer SSG-610P-ACR12N4H

1U internal-mounted storage server with 12 3.5" SAS/SATA bays (SAS hardware RAID), 4 EDSFF short and 2x 2.5" 7mm bays

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,

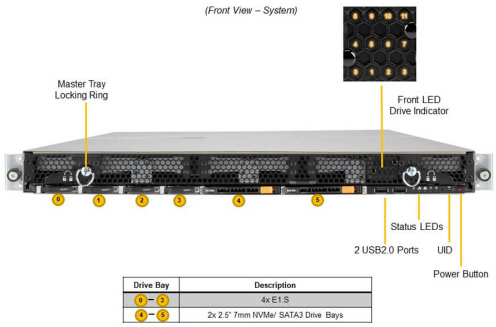
Key Features

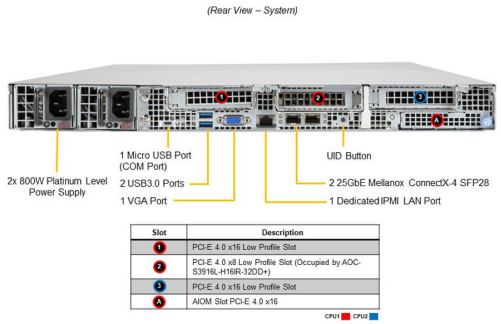
- Up to 4TB ECC DDR4-3200: LRDIMM/RDIMM;
- 2x 25G SFP28 Ports Onboard;
- 12x 3.5" hot-swap SAS/SATA, 4x EDSFF Short Bays, 2x 2.5" 7mm NVMe/SATA drive bays;
- RAID support via Broadcom® 3916;
- Front LED Indicator for each drive
  PCIe 4.0 x16 AIOM Support + 3 PCIe 4.0 LP Slots;



Form Factor	1U Rackmount Enclosure: 447.04 x 43.18 x 939.8mm (17.6" x 1.7" x 37") Package: 685.8 x 304.8 x 1350.01mm (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
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): Up to 4TB 3200MT/s ECC DDR4 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 18 bay(s) • 12 internal hot-swap 3.5" SAS/SATA drive bay(s) • 4 front hot-swap E1.S NVMe drive bay(s) • 2 front hot-swap 7mm NVMe drive bay(s) M.2: 2 M.2 NVMe/SATA slot(s) (M-key)
Expansion Slots	Default • 2 PCIe 4.0 x16 LP slot(s) • 1 PCIe 4.0 x8 LP slot(s) • 1 PCIe 4.0 x16 AIOM slot(s) (OCP 3.0 compatible)
On-Board Devices	Chipset: Intel® C621A Network Connectivity: 2 SFP28 25GbE
Input / Output	LAN: 2 SFP28 25 GbE LAN port(s) 1 RJ45 1 GBASE-T Dedicated IPMI LAN port(s) USB: 2 USB 3.0 port(s) (rear) 2 USB 2.0 port(s) (front) Video: 1 VGA port(s) Serial: 1 port(s)

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System Cooling	Fans: 6 Heavy Duty 4cm Fan(s)
Power Supply	2x 800W Redundant (1 + 1) Platinum Level (94%) power supplies
System BIOS	BIOS Type: AMI 128MB SPI Flash EEPROM
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
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	Weight: Gross Weight: 58 lbs (26.3 kg) Net Weight: 39.5 lbs (17.9 kg) Available Color: Black
Operating Environment	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 X12DPD-A6M25**
Chassis	**CSE-802ETS-R804AMP**

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