AI Training SuperServer SYS-420GH-TNGR

More details here

Key Applications

Computer Vision, Natural Language Processing, Recommendation , Purpose Built for AI/Deep Learning Training ,

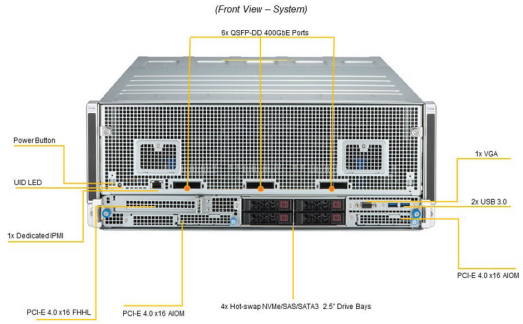
Key Features

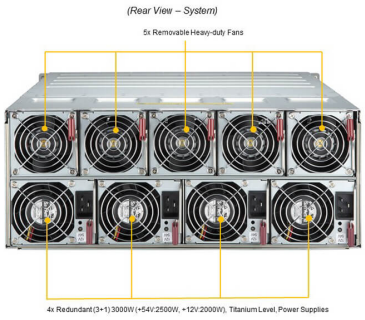
- Dual Intel® Xeon® Scalable Processors (Ice Lake) TDP up to 270W;
- Intel® C621A Chipset;
- 32x DIMM slots, up to 8TB Registered ECC DDR4 3200MHz SDRAM;
- 1x PCIe 4.0 x16 FHHL slot plus 2x PCIe 4.0 AIOM (OCP 3.0 superset) slots;
- 24x on-board 100GbE (via 6x QSFP-DDs) for scale-out and 1x 10GbE BaseT (dedicated IPMI port);
- 4x 2.5” SAS/SATA/NVMe Hybrid Hot-Swap Bays;
- 5x Removable Heavy-Duty Fan(s);
- 4x 3000W(54V+12V)/2000W(12V) redundant, Titanium Level power supplies;



Form Factor	4U Rackmount Enclosure: 447 x 178 x 813mm (17.6" x 7" x 32") Package: 693.4 x 381 x 1254.8mm (27.3" x 15" x 49.4")
Processor	Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 40C/80T
GPU	Up to 8 double-width GPU(s)
System Memory	Slot Count: 32 DIMM slots Max Memory (2DPC): Up to 8TB 3200MT/s ECC DDR4 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 4 bay(s) • 4 front hot-swap 2.5" NVMe/SAS/SATA drive bay(s) M.2: 2 M.2 NVMe slot(s) (M-key)
Expansion Slots	Default • 1 PCIe 4.0 x16 FHFL slot(s) • 2 PCIe 4.0 x16 AIOM slot(s) (OCP 3.0 compatible)
On-Board Devices	Chipset: Intel® C621A Network Connectivity: 6 QSFP-DD 400GbE 1 RJ45 10GbE
Input / Output	LAN: 1 RJ45 1 GbE LAN port(s) USB: 2 USB 3.0 port(s) Video: 1 VGA port(s)

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System Cooling	Fans: 5 Removable Heavy-Duty 84x203.5x82.4mm Fan(s)
Power Supply	1x 3000W Redundant Titanium Level (96%) power supply
System BIOS	BIOS Type: AMI 32MB 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 7+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: 137 lbs (62 kg) Available Color: Silver
Operating Environment	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 X12DPG-U6**
Chassis	**CSE-428G2**

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