GPU SuperServer SYS-741GE-TNRT

DP Intel Workstation with up to 4 NVIDIA H100 or A100 PCIe GPUs

More details here

Key Applications

High Performance Computing, VDI, AI/Deep Learning Training, Media/Video Streaming, Cloud Gaming, Animation and Modeling, Design & Visualization, 3D Rendering, Diagnostic Imaging, AI Training,

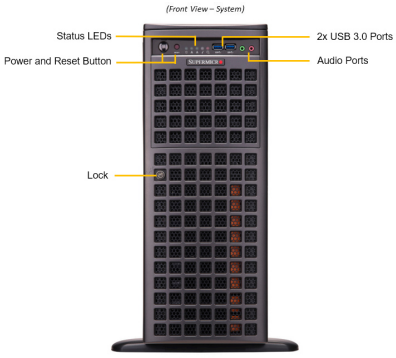


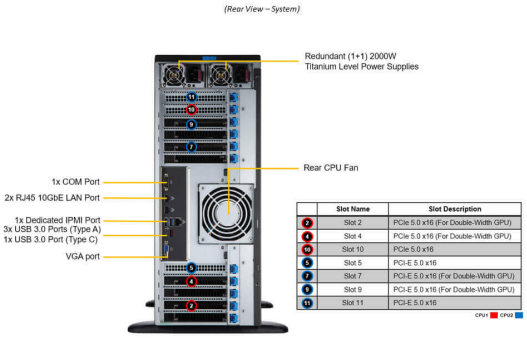
Key Features

- 5th/4th Gen Intel® Xeon® Scalable processor support;
- 16 DIMM slots Up to 4TB: 16x 256 GB DRAM Memory Type: 5600MTs ECC DDR5;
- Up to 4x double width, full length GPUs
  4x PCIe 5.0 x16 (double-width) slots, 3x PCIe 5.0 x16 (single-width) slots;
- Total 8x 3.5" Hot-swap SATA/NVMe/SAS drive bays
  2x M.2 NVMe for boot drive only
  Up to 8x NVMe drives (8 NVMe drives supported by default);
- 4 Removable heavy duty fans w/ Optimal Fan Speed Control;
- 2x 2000W (1+1) Redundant Power Supplies, Titanium Level;

Form Factor	Tower Enclosure: 437 x 178 x 737mm (17.2" x 7" x 29") Package: 330.2 x 685.8 x 965.2mm (13" x 27" x 38")
Processor	Dual Socket E (LGA-4677) 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors Up to 64C/128T; Up to 320MB Cache per CPU
GPU	Max GPU Count: Up to 4 double-width or 4 single-width GPU(s) Supported GPU: NVIDIA PCIe: H100 NVL, H100, RTX 4000 Ada Generation, L40, RTX A5500, RTX A6000, RTX A4000, RTX 6000 Ada Generation, L40S, L4, A30, A100 AMD PCIe: Instinct MI210 CPU-GPU Interconnect: PCIe 5.0 x16 CPU-to-GPU Interconnect GPU-GPU Interconnect: NVIDIA® NVLink® Bridge (optional)
System Memory	Slot Count: 16 DIMM slots Max Memory (1DPC): Up to 2TB 5600MT/s ECC DDR5 RDIMM Max Memory (2DPC): Up to 4TB 4400MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 8 bay(s) • 8 front hot-swap 3.5" NVMe/SAS/SATA drive bay(s) Option A: Total 8 bay(s) • 8 front hot-swap 2.5" NVMe/SAS/SATA drive bay(s) M.2: 2 M.2 NVMe slot(s) (M-key)
Expansion Slots	PCI-Express (PCIe) Configuration: Default • 7 PCIe 5.0 x16 FHFL slot(s) M.2: 2 M.2 PCIe 5.0 x4 NVMe slot(s) (M-key)
On-Board Devices	SATA: SATA (6Gbps) Chipset: Intel® C741 Network Connectivity: 2 RJ45 10GbE with Intel® X550-AT2
Input / Output	Video: 1 VGA port(s) (Rear) Serial: 1 COM port(s) (Rear) Audio: Front Audio TPM: 1 TPM Onboard/port 80

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System Cooling	Fans: 4 heavy duty fans with optimal fan speed control
Power Supply	2x 2000W Redundant (1 + 1) Titanium Level (96%) power supplies
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 8+4 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: 62 lbs (28.1 kg) Net Weight: 46 lbs (20.9 kg) Available Color: Black Front & Silver Body
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 X13DEG-QT**
Chassis	**CSE-749TS-R2K05BP**

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