GPU SuperServer SYS-740GP-TNRBT

DP Intel, Tower Workstation with 4 GPUs

More details here

Key Applications

High Performance Computing, AI/Deep Learning Training,

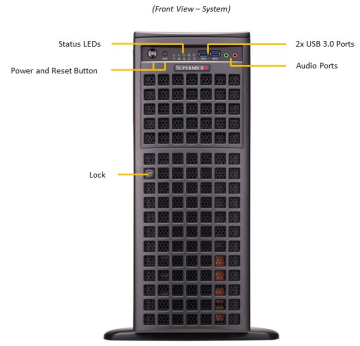
Key Features

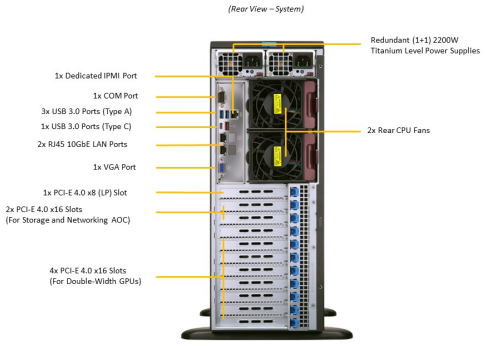
- 16 DIMM Slots; Up to 4TB DRAM; Up to 6TB Intel® Optane™ Persistent Memory ; 3200/2933/2666 ECC DDR4 LRDIMM;RDIMM; Intel® Optane™ Persistent Memory 200 series;
- 4 PCIe 4.0 x16 (double-width) slots, 2 PCIe 4.0 x16 (single-width) slots, 1 PCIe 4.0 x8 LP;
- Total 8x 3.5" Hot-swap drive bays
  Up to 8 NVMe drives (4 NVMe drives supported by default)
  2 M.2 NVMe or SATA for boot drive only;
- 4 Removable heavy duty fans w/ Optimal Fan Speed Control;
- 2x 2200W redundant Titanium level power supplies;



Form Factor	Full-Tower Rackmount Enclosure: 178 x 460 x 673mm (7" x 18.1" x 26.5") Package: 685.8 x 322.6 x 952.5mm (27" x 12.7" x 37.5")
Processor	Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 40C/80T; Up to 60MB Cache per CPU
GPU	Max GPU Count: Up to 4 double-width GPU(s) CPU-GPU Interconnect: PCIe 4.0 x16 CPU-to-GPU Interconnect GPU-GPU Interconnect: PCIe
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): Up to 4TB 3200MT/s ECC DDR4 RDIMM/LRDIMM Supports Intel® Optane™ persistent memory 200 series
Drive Bays Configuration	Default: Total 8 bay(s) • 4 front hot-swap 3.5" SAS/SATA drive bay(s) • 4 front hot-swap 3.5" NVMe/SAS/SATA drive bay(s) M.2: 2 M.2 NVMe/SATA slot(s) (M-key)
Expansion Slots	Default • 4 PCIe 4.0 x16 FHFL slot(s) • 2 PCIe 4.0 x16 LP slot(s) • 1 PCIe 4.0 x8 LP slot(s)
On-Board Devices	SATA: SATA (6Gbps) ; RAID 0/1/5/10 support Chipset: Intel® C621A Network Connectivity: 2 RJ45 10GbE with Broadcom® BCM57416
Input / Output	1 VGA port(s)

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System Cooling	Fans: 4 heavy duty fans with optimal fan speed control
Power Supply	1x 2200W 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: 57 lbs (25.85 kg) Net Weight: 52.9 lbs (24 kg) Available Color: black
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-QBT6**
Chassis	**CSE-747BTS-R2K20BP**

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