UP Workstation SYS-540A-TR

UP full-tower workstation for AI/DL/ML development

More details here

Key Applications

Deep Learning/AI/Machine Learning Development,

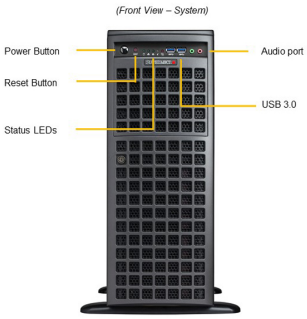
Key Features

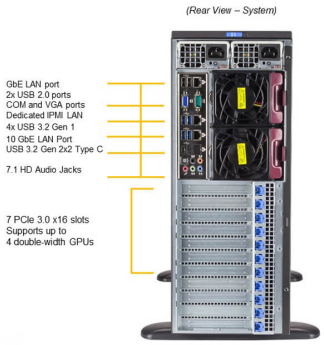
- Supports 3rd Gen Intel® Xeon® Scalable or Xeon® W-3300 Processors with TDP up to 270W;
- 7 PCIe 4.0 Slots;
- 1x 10GBase-T, 1x 1GbE, and 1x dedicated IPMI LAN ports;



Form Factor	Full-Tower Rackmount Enclosure: 177 x 465.4 x 678.5mm (6.96" x 18.32" x 26.71") Package: 689 x 329 x 971mm (27.12" x 12.95" x 38.22")
Processor	Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 40C/80T; Up to 60MB Cache
GPU	Max GPU Count: Up to 4 double-width or 4 single-width GPUs Supported GPU: NVIDIA PCIe: RTX A4000, RTX A5000, RTX A6000
System Memory	Slot Count: 16 DIMM slots Max Memory (2DPC): Up to 4TB 3200MT/s ECC DDR4 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 8 bays • 8 front hot-swap 3.5" SATA drive bays M.2: 4 M.2 PCIe 4.0 x4 NVMe slots (M-key 2280/22110) Peripheral Bays: 3 5.25" bays
Expansion Slots	Default • 7 PCIe 4.0 x16 FHFL slots
On-Board Devices	SATA: SATA (6Gbps) Network Connectivity: 1 RJ45 1GbE with Intel® I210-AT 1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI) 1 RJ45 10GbE with Marvell® AQC113
Input / Output	USB: 2 USB 2.0 ports(header) 2 USB 2.0 ports(rear) 2 ports(header) 4 ports(rear) Video: 1 VGA port TPM: 1 TPM header

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System Cooling	Fans: Up to 4x 92mm Fan(s) Up to 2x 80mm Fan(s)
Power Supply	1x 2200W Redundant Titanium Level (96%) power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash
Management	SuperCloud Composer® (SCC); 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	Voltage: +1.8V, +12V, +3.3V, +5V, +5V standby, 10 -fan status, 3.3V standby, HT, Memory, VBAT
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 to 35°C (50°F to 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 X12SPA-TF**
Chassis	**CSE-747BTS-R2K20BP**

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