

Mainstream SuperServer SYS-741P-TRT

DP 4U rackmount tower workstation with 10GbE for virtualization and enterprise server applications



More details here

Key Applications

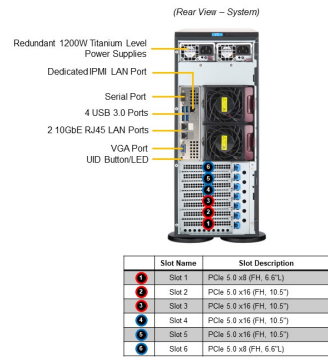
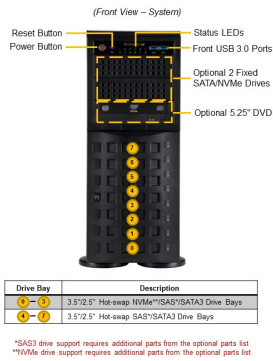
Virtualization, Enterprise Server, Application and data serving, Compute Intensive Applications,

Key Features

- Dual Socket E (LGA-4677) 5th/4th Gen Intel® Xeon® Scalable processors, supports up to 300W TDP;
- 16 DIMM slots, Up to 4TB DDR5-5600MHZ/4800MHz ECC Registered RDIMM;
- 4 PCIe 5.0 x16 full height slot(s), 2 PCIe 5.0 x8 full height slot(s);
- 1200W Redundant Titanium level Power Supplies;



Form Factor	Tower/4U Rackmount Enclosure: 178 x 452 x 647mm (7" x 17.8" x 25.5") Package: 356 x 625 x 795mm (14" x 24.6" x 31.3")
Processor	Dual Socket E (LGA-4677) 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors
System Memory	Slot Count: 16 DIMM slots Max Memory (1DPC): Up to 4TB 5600MT/s ECC DDR5 RDIMM
Drive Bays Configuration	Default: Total 8 bay(s) <ul style="list-style-type: none"> • 4 front hot-swap 3.5" NVMe*/SAS*/SATA drive bay(s) • 4 front hot-swap 3.5" SAS*/SATA drive bay(s) Option A: Total 8 bay(s) <ul style="list-style-type: none"> • 4 front hot-swap 2.5" NVMe*/SAS*/SATA drive bay(s) • 4 front hot-swap 2.5" SAS*/SATA drive bay(s) (*NVMe/SAS support may require additional storage controller and/or cables, please see the optional parts list for details) M.2: 2 M.2 NVMe slot(s) (M-key) Peripheral Bays: 3 5.25" DVD bay(s) (optional)
Expansion Slots	PCI-Express (PCIe) Configuration: Default <ul style="list-style-type: none"> • 2 PCIe 5.0 x8 FHFL slot(s) • 4 PCIe 5.0 x16 FHFL slot(s) M.2: 2 M.2 PCIe 4.0 x2 NVMe slot(s) (M-key)
On-Board Devices	SATA: SATA (6Gbps) Chipset: Intel® C741 Network Connectivity: 2 RJ45 10GbE
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port(s) USB: 2 USB 3.0 port(s) (front) 4 USB 3.0 port(s) (rear) Video: 1 VGA port(s) Serial: 1 COM port(s) (Rear) DOM: 2 SuperDOM (Disk on Module) port(s) TPM: 1 TPM Onboard/port 80



System Cooling	Fans: 3 middle Fan(s) 2 rear Fan(s)
Power Supply	1x 1200W 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 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: 73.5 lbs (33.9 kg) Net Weight: 56 lbs (25.9 kg) Available Color: Black
Operating Environment	RoHS Compliant Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) Non-operating Temperature: -30°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 8% to 80% (non-condensing) Non-operating Relative Humidity: 8% to 90% (non-condensing)
Motherboard	Super X13DEI-T
Chassis	CSE-745BTS-R1K23BP