

MP SuperServer SYS-241E-TNRTTP



More details here

Key Applications

Artificial Intelligence (AI), Business Intelligence, ERP, CRM, Scientific Virtualization, In-Memory Database, HCI, SAP HANA,

Key Features

- Quad Socket E (LGA-4677) 4th Generation Intel® Xeon® Scalable processors;
- 64 DIMM Slots; Up to 16TB DDR5-4800MHz ECC RDIMM/RDIMM-3DS; Up to 24TB with® Optane™ Persistent Memory 300 series;
- Optional PCIe configurations up to 8 PCIe slots with support for two double-width GPU/Accelerator cards;
- Flexible networking options with 2 AIOM networking slot (OCP NIC 3.0 compatible);
- 24x 2.5" Hot-swap NVMe/SAS3/SATA3 Hybrid Drive bays (Default with 24 SAS3/SATA3 drive bays); 2x internal M.2 NVMe/SATA; Optional RAID support via storage add-on card;
- 6 heavy duty fans w/ optimal fan speed control;



Form Factor

2U Rackmount
Enclosure: 438.4 x 87.9 x 849.3mm (17.3" x 3.5" x 33.4")
Package: 672 x 250 x 1100mm (26.5" x 9.75" x 43.5")

Processor

4th Gen Intel® Xeon® Scalable processors
Quad Socket LGA-4677 (Socket E) supported
3 UPI up to 16GT/s
(Supports 165W - 250W TDP CPUs (Aircooled), CPUs with high TDP (air cooled) only supported under specific conditions. Contact Technical Support for details)

System Memory

64 DIMM slots
Up to 16TB ECC RDIMM, DDR5-4800MHz
Up to 24TB Intel® DCPMM, DDR5-4800MHz

Drive Bays

24x 2.5" hot-swap NVMe/SAS3/SATA3 drive bays; 24x 2.5" NVMe hybrid;
Optional RAID support via RAID controller AOC

Expansion Slots

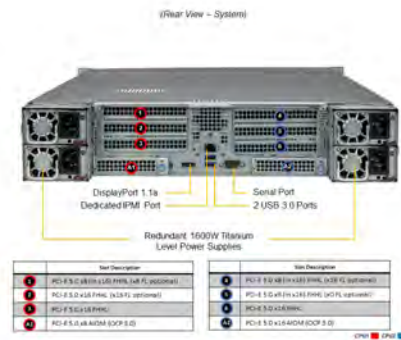
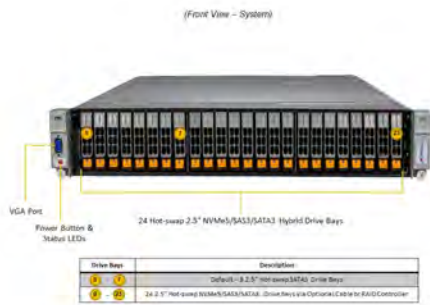
2 PCIe 5.0 x8 FHFL slot(s)
2 PCIe 5.0 x16 FHFL slot(s)
2 PCIe 5.0 x16 FHHL slot(s)
1 PCIe 5.0 x16 AIOM slot(s)
1 PCIe 5.0 x8 AIOM slot(s)

On-Board Devices

Chipset: Intel® C741
Network Connectivity: Via AIOM
IPMI: Support for Intelligent Platform Management Interface v.2.0
IPMI 2.0 with virtual media over LAN and KVM-over-LAN support

Input / Output

LAN: 1 RJ45 Dedicated IPMI LAN port
USB: 2 USB 3.0 port(s) (2 rear)
2 USB 2.0 port(s) (2 front)
Video: 1 VGA port(s)
1 DisplayPort port(s)
Serial Port: 1 COM Port(s) (1 rear)



System Cooling	6x 6cm heavy duty fan(s)
Power Supply	1U 1600W Redundant Titanium AC Power Supply with PMbus 73.5x203x40mm Dimension (W x H x L): 73.5 x 40 x 203 mm Output Type: AC-Input
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	SuperDoctor® 5; Watch Dog; NMI; SUM; SPM; Intel® Node Manager; SSM; IPMI 2.0
PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory 4+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	Height: 3.5" (87.9 mm) Width: 17.3" (438.4 mm) Depth: 33.4" (849.3 mm) Gross Weight: 71.5 lbs (32.43 kg) Net Weight: 45.5 lbs (20.64 kg) Packaging: 9.75" (H) x 26.5" (W) x 43.5" (D) Available Color: Black
Operating Environment	ROHS: 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 X13QE+
Chassis	CSE-218HTS-R3K2AWP