

MP SuperServer SYS-241E-TNRTTP



More details here

Key Applications

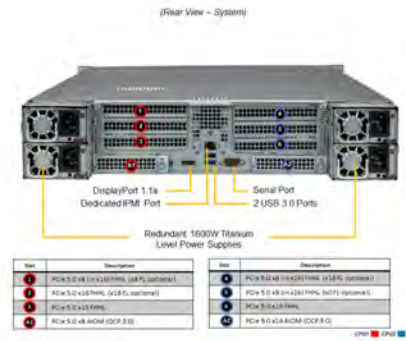
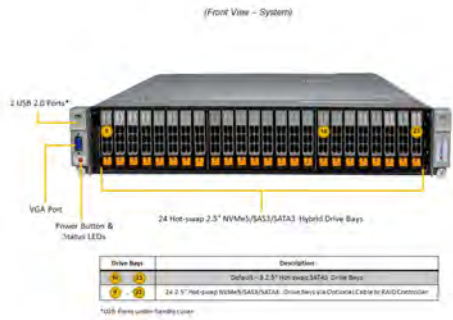
Artificial Intelligence (AI), Business Intelligence, ERP, CRM, Scientific Virtualization, In-Memory Database, HCI, SAP HANA,

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;
- 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	Quad Socket E (LGA-4677) 4th Gen Intel® Xeon® Scalable processors Supports 165W - 165W TDP CPUs (Air Cooled)
System Memory	Memory Capacity: 64 DIMM slots Up to 16TB: 64x 256 GB DRAM Memory Type: 4800MHz ECC DDR5 RDIMM/RDIMM-3DS
Drive Bays	24x 2.5" hot-swap NVMe/SAS3/SATA3 drive bays (24x 2.5" NVMe hybrid)(Default 8x SATA3 drive bays. NVMe, SATA, or SAS support requires additional parts. Please see the Optional Parts list.) 2 M.2 NVMe OR 2 M.2 SATA3
Expansion Slots	3 PCIe 5.0 x8 FHFL slot(s) 1 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	Fans: 6 Heavy duty counter-rotating 6cm Fan(s)
Power Supply	1600W Redundant Titanium Level power supplies
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Power Manager (SPM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; 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 X13QEH+
Chassis	CSE-218HTS-R3K2AWP