

# MP SuperServer SYS-241H-TNRTTP



More details here

## Key Applications

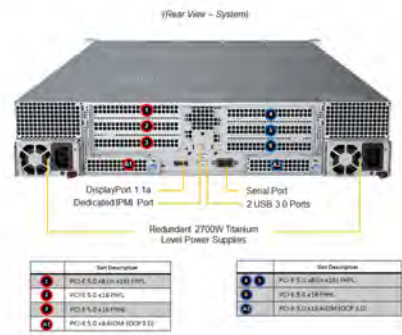
Artificial Intelligence (AI), Business Intelligence, ERP, CRM, Scientific Virtualization, In-Memory Database, HCI, SAP HANA,

## 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 12 PCIe slots with support for two double-width GPU/Accelerator cards;
- Flexible networking options with 2 AIOM networking slot (OCP NIC 3.0 compatible);
- 8x 2.5" Hot-swap NVMe/SAS3/SATA3 drive bays (Default with 8 SAS3/SATA3 drive bays); 2x internal M.2 NVMe/SATA; Optional RAID support via storage add-on card;
- 5 heavy duty fans w/ optimal fan speed control;



<b>Form Factor</b>	2U Rackmount Enclosure: 438.4 x 87.9 x 812.9mm (17.3" x 3.5" x 32") Package: 672 x 250 x 1100mm (26.5" x 9.75" x 43.5")
<b>Processor</b>	4th Gen Intel® Xeon® Scalable processors Quad Socket LGA-4677 (Socket E) supported 3 UPI up to 16GT/s (Supports 165W - 350W TDP CPUs (Aircooled), CPUs with high TDP (air cooled) only supported under specific conditions. Contact Technical Support for details)
<b>System Memory</b>	64 DIMM slots Up to 16TB ECC RDIMM, DDR5-4800MHz Up to 24TB Intel® DCPMM, DDR5-4800MHz
<b>Drive Bays</b>	8x 2.5" hot-swap NVMe/SAS3/SATA3 drive bays; Optional RAID support via RAID controller AOC
<b>Expansion Slots</b>	2 PCIe 5.0 x8 FHFL slot(s) 2 PCIe 5.0 x16 FHFL slot(s) 2 PCIe 5.0 x16 FHHL slot(s) 2 Gen4/5 x8 LP optional slot(s) 2 Gen4/5 x16 LP optional slot(s) 1 PCIe 5.0 x16 AIOM slot(s) 1 PCIe 5.0 x8 AIOM slot(s)
<b>On-Board Devices</b>	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
<b>Input / Output</b>	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	3x 8cm and 2x 6cm heavy duty fan(s)
Power Supply	2700W Redundant Power Supplies with PMBus Dimension (W x H x L): 73.5 x 40 x 203 mm Output Type: 25 Pairs Gold Finger Connector
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: 32" (812.9 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	<a href="#">Super X13QEH+</a>
Chassis	CSE-218H2TS-R2K7AWP