

MP SuperServer SYS-240P-TNRT



More details here

Key Applications

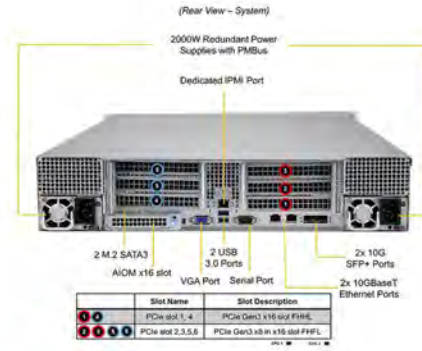
Artificial Intelligence (AI), Business Intelligence, ERP, CRM, Scientific Virtualization, In-Memory Database, HCI, SAP HANA,

Key Features

- Quad Socket P+ (LGA-4189) 3rd Generation Intel® Xeon® Scalable processors;
- 48 DIMMs; Up to 18TB 3DS ECC DDR4-3200:LRDIMM/RDIMM/Intel® DCPMM;
- Intel® Ethernet Controller X710-TM4 2x 10G RJ45 + 2x 10G SFP+ port; (optional) AIOM up to 100G QSFP28;
- Up to 24 Hot-swap 2.5" NVMe/SAS3/SATA3 drive bays (Default with 8 SAS3/SATA3 drive bays); Onboard 2x M.2 SATA.;
- 4 heavy duty fans w/ optimal fan speed control; 1 Air Shroud;



Form Factor	2U Rackmount Enclosure: 439.5 x 89 x 803mm (17.3" x 3.5" x 31.6") Package: 672 x 250 x 1100mm (26.5" x 9.75" x 43.5")
Processor	3rd Gen Intel® Xeon® Scalable processors Quad Socket LGA-4189 (Socket P+) supported TDP up to 250W; 6 UPI up to 10.4GT/s
System Memory	48 DIMM slots Up to 12TB ECC LRDIMM, DDR4-3200MHz Up to 12TB ECC RDIMM, DDR4-3200MHz Up to 18TB Intel® DCPMM, DDR4-2666MHz
Drive Bays	24x 2.5" hot-swap NVMe/SAS3/SATA3 drive bays (24x 2.5" NVMe hybrid) 2 M.2 NVMe OR 2 M.2 SATA3
Expansion Slots	2 PCIe 3.0 x16 FHHL slot(s) 2 PCIe 3.0 x8 FHFL slot(s) 2 PCIe 3.0 x16 FHFL slot(s) 4 PCIe 3.0 x8 LP slot(s)
On-Board Devices	Chipset: Intel® C621 Network Connectivity: 2x 10GbE BaseT + 2x 10GbE SFP+ with Intel® X710-TM4 (Optional) AIOM 100G QSFP 28 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 2x 10G RJ45 2x 10G SFP+ USB: 2 USB 3.0 port(s) (2 rear) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 rear)



System Cooling	4x 8cm heavy duty fan(s)
Power Supply	2000W 1U redundant power supply W73.5 x L203 x H40mm Dimension (W x H x L): 73.5 x 40 x 203 mm Output Type: Backplanes (gold finger)
System BIOS	BIOS Type: AMI 32MB SPI Flash EEPROM
Management	SuperDoctor® 5; Watch Dog; NMI; SUM; 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" (89 mm) Width: 17.3" (439.5 mm) Depth: 31.6" (803 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 X12QCH+
Chassis	CSE-218HTS-R2K08P