

FatTwin SuperServer SYS-F511E2-RT



More details here

Key Applications

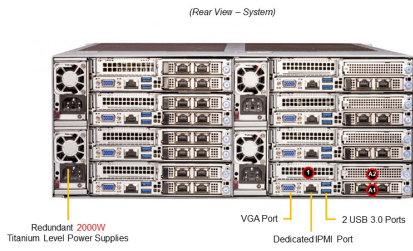
Hyperscale / Hyperconverged, HPC and Big Data, Data Center Enterprise Applications, Telco Data Center and ETSI certified,

Key Features

- Single Socket E (LGA-4677) Supports 4th Gen Intel® Xeon® Scalable Processor;
- C741 Chipset;
- 16 DIMMs Up to 4TB DDR5 ; Two M.2 Internal Drives;
- NVMe/SATA/SAS options; Network Connectivity Via AIOM (OCP 3.0 Compliant) ;
- AIOM and M.2 support; 2 AIOM card support (PCIe 5.0);
- Up to 6x SAS/SATA/NVMe Hot Swap 2.5” Drives;

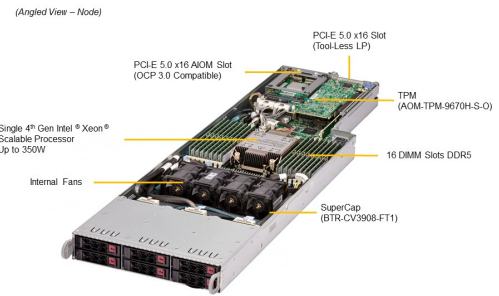


Form Factor	4U Rackmount Enclosure: 448 x 177 x 737mm (17.63" x 6.96" x 29") Package: (28.3" x 15" x 42.4")
Processor	4th Gen Intel® Xeon® Scalable processors Single Socket LGA-4677 (Socket E) supported (Supports up to 350W TDP CPUs (Aircooled), CPUs with high TDP (air cooled) only supported under specific conditions. Contact Technical Support for details)
System Memory	16 DIMM slots Up to 4TB DRAM, DDR5-4800MHz
Drive Bays	6x 2.5" hot-swap NVMe/SATA/SAS drive bays; 6x 2.5" NVMe hybrid; 6x 2.5" 7mm drive bays
Expansion Slots	1 PCIe 5.0 x16 LP slot(s) 2 AIOM slot(s)
On-Board Devices	Chipset: Intel® C741 Network Connectivity: 1x 1GbE RJ45 (BMC) 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	SATA: 14 SATA (6Gbps) port(s) LAN: 1 RJ45 Dedicated IPMI LAN port USB: 2 USB 3.0 port(s) (2 rear) Video: 1 VGA port(s)



Slot Name	Slot Description
1 AIOM CPU1 PCI-E 5.0 x16	PCI-E 5.0 x16 LP Tool-Less Slot
4 JSIB1 CPU1 PCI-E 5.0 x16	PCI-E 5.0 x16 AIOM OCP 3.0 Compatible Slot
4 AIOM CPU1 PCI-E 4.0 x16 (In Future: PCI-E 5.0 x16)	PCI-E 4.0 x16 AIOM OCP 3.0 Compatible Slot

CPV



System Cooling	3x 4cm heavy duty fan(s) 3x 4cm 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 ROM
Management	SuperDoctor® 5; Watch Dog; SUM; IPMI 2.0; KVM with dedicated LAN; SPM; Intel® Node Manager; SSM
PC Health Monitoring	CPU: 4+1 Phase-switching voltage regulator Monitors for CPU Cores, Chipset Voltages, Memory. FAN: Fans with tachometer monitoring Status monitor for speed control Pulse Width Modulated (PWM) fan connectors 4 40 mm Heavy Duty Fans per Node Temperature: Monitoring for CPU and chassis environment
Dimensions and Weight	Height: 6.96" (177 mm) Width: 17.63" (448 mm) Depth: 29" (737 mm) Gross Weight: 200 lbs (90.71 kg) Net Weight: 150 lbs (68.04 kg) Packaging: 15" x 28.3" x 42.4" Available Color: Black
Operating Environment	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: 5% to 95% (8) Non-operating Relative Humidity: 90% to 5% (95)
Motherboard	Super X13SEFR-A
Chassis	CSE-F418BC4-R2K08BP