

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;
- Network Connectivity Via AIOM (OCP 3.0 Compliant) ; NVMe/SATA/SAS options;
- 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

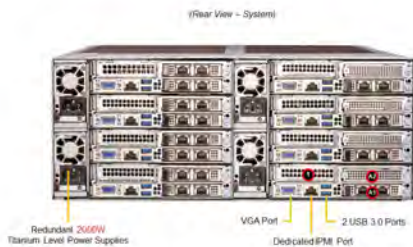
1 PCIe 5.0 x4 LP slot(s)
2 AIOM slot(s)

On-Board Devices

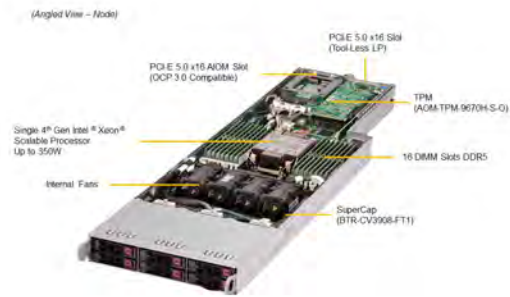
Chipset: Intel® C741
Network Connectivity: 1x 1GbE RJ45 (BMC)
IPMI: Support for Intelligent Platform Management Interface v.2.0
IPMI 2.0 with virtual media over LAN and KVM-over-LAN support

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	ACM/CPU1 PCI-E 5.0 x16
2	25M1/CPU1 PCI-E 5.0 x16
3	AIOM/CPU1 PCI-E 4.0 x16 (in Mode PCI-E 5.0 x16)
4	PCI-E 5.0 x16 LP Full-Size Slot
5	PCI-E 5.0 x16 ACM OCP 3.0 Compatible Slot
6	PCI-E 4.0 x16 ACM OCP 3.0 Compatible Slot



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