IoT SuperServer SYS-110P-FRN2T

Key Applications

Multi-Access Edge Computing, Flex-RAN, Open-RAN vBBU, Artificial Intelligence (AI) on Edge, Machine Learning (ML),
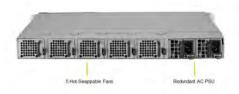
Key Features

- Socket P+ (LGA-4189) support 3rd Gen Intel® Xeon® Scalable processors;
- 8x DIMMs; Up to 2TB 3DS ECC DDR4-3200: RDIMM/LRDIMM;
- 2x PCIe Gen4 x16 FHFL slot;
- 2x 2.5" drive bays; 1x M.2 NVMe OR 1x M.2 SATA3;
- 5x hot-swappable counter rotated fans with optimal fan speed control;
- Redundant 800W AC Power Supplies;
- Front-access I/O: 2x 10GBased-T, 1x Dedicated IPMI, 2x USB3.0, 2x USB2.0, 1x COM, 1x VGA;

Form Factor	1U Rackmount Enclosure: 437 x 43 x 399mm (17.2" x 1.7" x 15.7") Package: 686 x 203 x 610mm (27" x 8" x 24")
Processor	3rd Gen Intel® Xeon® Scalable processors Single Socket LGA-4189 (Socket P+) supported TDP up to 205W;
System Memory	8 DIMM slots Up to 2TB ECC RDIMM/LRDIMM, DDR4-3200MHz
Drive Bays	2x 2.5" SATA drive bays;
Expansion Slots	2 PCIe 4.0 x16 FHFL slot(s)
On-Board Devices	SATA: SATA3 (6Gbps); RAID 0/1 support Chipset: Intel® C621A Network Connectivity: 2x 10GbE BaseT port(s) 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	Video: 1 VGA port(s)

System Cooling	5 heavy duty fan(s)
Power Supply	800W 1U redundant power supply Dimension (W x H x L): 54.5 x 40 x 220 mm Output Type: Gold Finger Connector
Management	IPMI 2.0; SuperDoctor® 5

PC Health Monitoring	CPU: Monitors for CPU Cores, Chipset Voltages, Memory
	FAN: Fans with tachometer monitoring
	    Status monitor for speed control
	    Pulse Width Modulated (PWM) fan connectors
	Temperature: Monitoring for CPU and chassis environment
	    CPU thermal trip support, PEPI

Dimensions and Weight	Height: 1.7" (43 mm) Width: 17.2" (437 mm) Depth: 15.7" (399 mm) Gross Weight: 18 lbs (8.16 kg) Packaging: 8" (H) x 27" (W) x 24" (D) Available Color: Black
Operating Environment	Operating Temperature: 0°C ~ 40°C (32°F ~ 104°F) Non-operating Temperature: -40°C to 70°C (-40°F to 158°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	Super X12SPW-TF
Chassis	CSE-515M-R804