

# IoT SuperServer SYS-210P-FRDN6T



More details here

## Key Applications

5G Core and Edge, AI Inference and Machine Learning, Network Function Virtualization, Cloud Computing,

## Key Features

- Design with compliance to NEBS-Level 3;
- Single Socket P+ (LGA-4189) 3rd Generation Intel® Xeon® Scalable Processors;
- 8 DIMM slots; Up to 2TB 3DS ECC DDR4-3200: RDIMM/LRDIMM/Intel® DCPMM;
- Up to 2 PCIe 4.0 FHHL & 2 HHHL expansion slots for Accelerator Add-On-Cards;
- Onboard 2x 10GbE ports & 4x 1GbE ports;
- 2x 2.5" drive bays for SATA drives;
- Redundant 600W DC -48V Power Supplies;
- Ultra short depth, 2U Front I/O Edge Server;



Form Factor	2U Rackmount Enclosure: 436.88 x 88.9 x 298.8mm (17.2" x 3.5" x 11.8") Package: 490 x 188 x 590mm (19.3" x 7.4" x 23.3")
Processor	3rd Gen Intel® Xeon® Scalable processors Single Socket LGA-4189 (Socket P+) supported TDP up to 270W;
System Memory	8 DIMM slots Up to 2TB ECC LRDIMM, DDR4-3200MHz Up to 2TB ECC RDIMM, DDR4-3200MHz
Drive Bays	2x 2.5" hot-swap SATA drive bays 1 M.2 NVMe OR 1 M.2 SATA3 M-Key, 2280/22110
Expansion Slots	1 PCIe 4.0 x16 or x8 slot slot(s) 1 PCIe 4.0 x16 x8 slot slot(s) 1 1 PCIe 4.0 x8 FHHL slot(s) 2 1 PCIe 4.0 x16 FHHL slot(s)
On-Board Devices	SATA: SATA3 (6Gbps); RAID 0/1 support Chipset: Intel® C621A Network Connectivity: 2x 1/10GbE port(s); 4x 1GbE 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	USB: 2 USB 3.0 port(s) (2 front) 2 USB 2.0 port(s) (2 front) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 rear)



System Cooling	4 heavy duty fan(s)
Power Supply	1U 600W Redundant short depth DC48V input redundant power supply Dimension (W x H x L): 54.5 x 40 x 220 mm
Management	SuperDoctor® 5; Watch Dog; NMI; KVM with dedicated LAN; SPM; Intel® Node Manager; IPMI 2.0; Redfish API; SSM; SUM
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: 3.5" (88.9 mm) Width: 17.2" (436.88 mm) Depth: 11.8" (298.8 mm) Gross Weight: 22 lbs (10 kg) Net Weight: 17 lbs (7.7 kg) Packaging: 7.4" (H) x 19.3" (W) x 23.3" (D) Available Color: Silver/Black
Operating Environment	Operating Temperature: 0°C ~ 35°C (32°F ~ 95°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	<a href="#">Super X12SPM-LN6TF</a>
Chassis	CSE-211M