IoT SuperServer SYS-210P-FRDN6T

X12 2U Short-depth front I/O System with 2 x 10G & 4 x 1G ports, 2x 2.5"SATA bays and redundant DC PSU

More details here

Key Applications

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



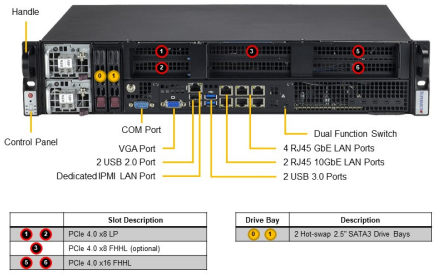
Key Features

- 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® 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	Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 36C/72T; Up to 60MB Cache
GPU	Up to 2 double-width GPU(s)
System Memory	Slot Count: 8 DIMM slots Max Memory (2DPC): Up to 2TB 3200MT/s ECC DDR4 RDIMM/LRDIMM
Drive Bays Configuration	Default: Total 2 bay(s) • 2 front hot-swap 2.5" SATA drive bay(s) M.2: 1 M.2 NVMe/SATA slot(s) (M-key 2280/22110)
Expansion Slots	Default • 1 PCIe 3.0 x16 HHHL slot(s) • 2 PCIe 3.0 x16 FHHL slot(s)
On-Board Devices	SATA: SATA (6Gbps) ; RAID 0/1 support Chipset: Intel® C621A Network Connectivity: 4 RJ45 1GbE 2 RJ45 10GbE
Input / Output	LAN: 1 RJ45 1 GbE Dedicated BMC LAN port(s) 2 RJ45 10 GbE LAN port(s) (Intel® X550) 4 RJ45 1 GbE LAN port(s) (Intel® I350-AM4) USB: 2 USB 2.0 port(s) (front) 2 USB 3.2 Gen1 port(s) (front) Video: 1 VGA port(s)

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(Front View – System)



Slot	Description
1 2	PCIe 4.0 x8 LP
3	PCIe 4.0 x8 FHHL (optional)
5 6	PCIe 4.0 x16 FHHL

Drive Bay	Description
0 1	2 Hot-swap 2.5" SATA3 Drive Bays

(Rear View – System)



System Cooling	Fans: 4x 4-PIN PWM 8cm Fan(s)
Power Supply	1x 600W Redundant Typical 90%+ Level (92%) power supply
Management	SuperCloud Composer; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
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	Weight: Gross Weight: 22 lbs (10 kg) Net Weight: 17 lbs (7.7 kg) 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	**Super X12SPM-LN6TF**
Chassis	**CSE-211M**

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