

IoT SuperServer SYS-210SE-31A



More details here

Key Applications

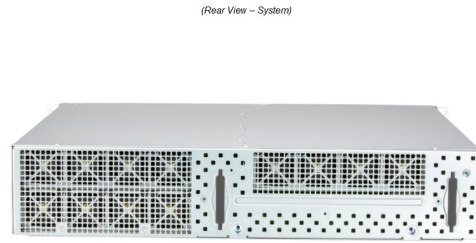
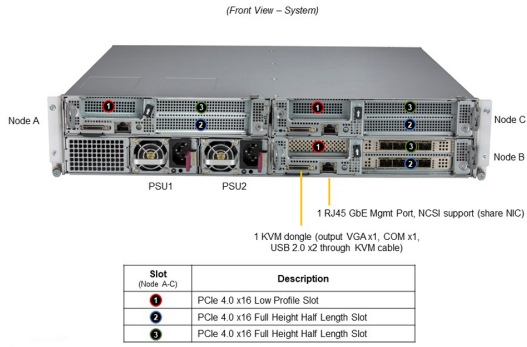
Multi-Access Edge Computing, Flex-RAN, Open-RAN vBBU, Telecom DRAN, CRAN, and Edge Core Application, Enterprise Edge Computing,

Key Features

- Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processor (per node);
- 8 DIMMs; Up to 2TB 3DS ECC DDR4-3200: RDIMM/LRDIMM (per node);
- 2 PCIe Gen4 x16 FHHL slot and 1 PCIe Gen4 x16 HHHL slot (per node);
- 2 NVMe M.2 2280/22110 (per node);
- 4 counter-rotated fan speed control (per node); 1 Air Shroud (per node);
- Front-access 2000W AC Redundant Power Supplies (per system);



Form Factor	2U Rackmount Enclosure: 449 x 88 x 430mm (17.7" x 3.5" x 16.9") Package: 750 x 240 x 590mm (29.5" x 9.5" x 23.2")
Processor	Single Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable processors Up to 32C/64T; Up to 48MB Cache per CPU Supports 85W - 270W TDP CPUs (Air Cooled)
System Memory	Memory Capacity: 8 DIMM slots Memory Type: 3200MHz ECC DDR4 RDIMM/LRDIMM
Drive Bays	2 M.2 NVMe M-Key, 2280/22110
Expansion Slots	1 PCIe 5.0 x16 LP slot(s) 2 PCIe 4.0 x16 FHHL slot(s)
On-Board Devices	Chipset: Intel® C621A Network Connectivity: 1x 1GbE 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	LAN: 1 RJ45 GbE LAN port (Shared NIC with IPMI) Video: 1 VGA port(s) Serial Port: 1 COM Port(s) (1 COM COM port through KVM cable (from KVM dongle))



System Cooling	4 heavy duty fan(s) 4 heavy duty fan(s)
Power Supply	2000W Redundant Level power supplies
System BIOS	BIOS Type: AMI 32MB UEFI AMI 32MB UEFI AMI 32MB UEFI AMI 32MB UEFI AMI 32MB UEFI AMI 32MB UEFI BIOS Features: SMBIOS 2.8/3.5
Management	Redfish API; Supermicro Server Manager (SSM); Supermicro Power Manager (SPM); Supermicro Update Manager (SUM); SuperDoctor® 5; Super Diagnostics Offline ; KVM with dedicated LAN ; IPMI 2.0
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 mm) Width: 17.7" (449 mm) Depth: 16.9" (430 mm) Gross Weight: 70.6 lbs (32 kg) Net Weight: 55.1 lbs (25 kg) Packaging: 9.5" (H) x 29.5" (W) x 23.2" (D) Available Color: Silver
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 X12SPED-F
Chassis	CSE-SE201-R2K07P