1U Edge Server with Intel® Xeon® 6 SoC

SE210

Senao SE210 is a high-performance 1U rackmount edge server powered by the latest Intel® Xeon® 6 SoC (Granite Rapids D) processor. Designed for intensive edge computing, virtualized network functions (VNF), and high-throughput communication infrastructure, it features 240 Gbps connectivity with 8 x 25G SFP28 and 4 x 10G Base-T ports. Supporting up to 8 x DDR5 RDIMM slots, dual Gen5 high-speed PCIe expansion, and robust 1+1 redundant 1100W Platinum power supplies, SE210 provides performance for the intelligent edge.

Processor

Xeon® 6 SoC

Intel® Xeon® Granite Rapids D with up to 38 cores powers demanding edge services

Connectivity

240 Gbps aggregate

8 x 25G SFP28 and 4 x 10G Base-T ports deliver high-throughput gateway capacity

Expansion

Dual PCIe Gen5 Slots

1 x Gen5 x 16 and 1 x Gen5 x 8 for AI accelerators and NICs

Security

Hardware Root of Trust

TPM 2.0, PFR 2.0, and chassis intrusion detection protect firmware and hardware

Memory

RDIMM

8 x DDR5 RDIMM slots

Reliability

Redundant Slim Power Supply

1+1 1100W 80 PLUS Platinum slim power supplies ensure continuous operation

Storage

NVMe SSD

2 x 2.5-inch U.2 NVMe bays, 2 x M.2 NVMe slots

Cooling

Smart Fan

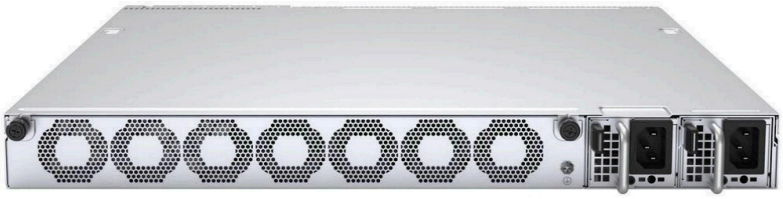
7 x smart cooling fans and 1U chassis

Technical Specifications

Edge Server	
Model Name	1U Edge Server
Model Number	SE210
Form Factor	1U Rackmount
Processor	Intel® Xeon® 6 SoC (Granite Rapids D) 6513P-B (20C, 2.0 GHz) 6553P-B (36C, 2.6 GHz) 6563P-B (38C, 2.4 GHz)
GPU	N/A
Memory	8 x DDR5 ECC RDIMM
Drive Bays	2 x 2.5-inch U.2 NVMe Gen4 hot-swap drive bays 2 x M.2 2280 (Gen4 or Gen5) + optional 2 x U.2
System Cooling	Air Cooling (7 x Smart Fans)
Expansion Slot	1 x PCIe Gen5 x 16 FHFL 1 x PCIe Gen5 x 8 FHFL
I/O Port	8 x 25G SFP28 + 4 x 10GbE 1 x RJ45 MGMT 1 x RJ45 Console 1 x USB3.0 Type A 1 x Reset Button 1 x Power Button
Power Supply	1+1 1100W AC Slim Power Supply, 80 PLUS Platinum
Security and Management	TPM 2.0 PFR 2.0 Intrusion Detection (Open Chassis Cover)
Dimensions (W x D x H)	438 x 430 x 44 mm

Hardware Overview

SE210 (1U Edge Server)

Front View

Rear View