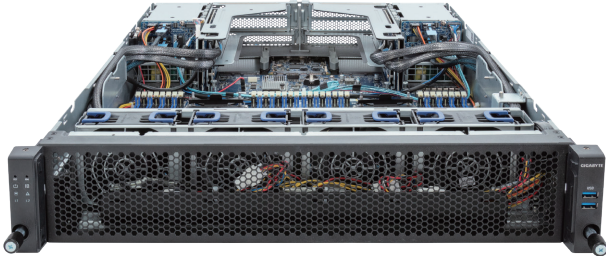


E283-S90-AAV1

Edge Server - 2U UP 4-Bay Gen4 NVMe/SATA

intel
XEON



Features

- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- Dual Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 32 x DIMMs
- Dual ROM Architecture supported
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 4 x 2.5" Gen4 NVMe/SATA/SAS hot-swap bays on the rear side
- 6 x FHHL PCIe Gen5 x16 slots
- 2 x OCP 3.0 Gen5 x16 slots
- Dual 1600W 80 PLUS Titanium redundant power supply

Application

Edge, Networking, Hybrid/Private Cloud Server

Specification

Dimensions 2U (W438 x H87.5 x D625 mm)

Motherboard MS93-FS0

CPU 5th Generation Intel® Xeon® Scalable Processors
4th Generation Intel® Xeon® Scalable Processors
Intel® Xeon® CPU Max Series
Dual processor, TDP up to 350W

Socket 2 x LGA 4677 (Socket E)

Chipset Intel® C741 Chipset

Memory 32 x DIMM slots, 8-Channel DDR5 memory
RDIMM up to 96GB; 3DS RDIMM up to 256GB
Memory speed: Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC)

LAN 2 x 1Gb/s LAN ports (1 x Intel® I350-AM2) - Supported NCSI
1 x 10/100/1000 management LAN

Video ASPEED® AST2600 Integrated 2D Graphic Adapter

Storage Rear: 4 x 2.5" Gen4 NVMe/SATA/SAS hot-swappable bays
*SAS card is required for SAS devices support

RAID Intel® SATA RAID 0/1/10/5

Expansion Slots 6 x FHHL PCIe Gen5 x16 slots
2 x OCP 3.0 Gen5 x16 slots - Supporte NCSI function

TPM 1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)

I/O Ports Front: 2 x USB 3.2 Gen1
Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
Internal: 1 x TPM header, 1 x VROC connector

Backplane Board Speed and bandwidth:
PCIe Gen4 x4 or SATA 6Gb/s or SAS 12Gb/s

Power Supply Dual 1600W 80 PLUS Titanium redundant power supply
AC Input: 100-240V

System Management ASPEED® AST2600 management controller
GIGABYTE Management Console (AMI MegaRAC SP-X)

OS Compatibility Windows Server 2019 / 2022
RHEL 8.6 / 8.7 / 8.8 / 8.9 / 8.10 / 9.0 / 9.1 / 9.2 / 9.3 / 9.4
SLES 15 SP4 / SP5 / SP6
Ubuntu 22.04 / 22.04.1 / 22.04.2 / 22.04.3 / 22.04.4 / 24.04 LTS
VMware ESXi 7.0 Update 3o / 8.0 Update 1, Update 2, Update 3
Citrix Hypervisor 8.2 LTSR CU1

System Fans 4 x 80x80x38mm (18,300rpm)

Operating Properties Operating temperature: 10°C to 35°C
Operating humidity: 8-80% (non-condensing)
Non-operating temperature: -40°C to 60°C
Non-operating humidity: 20%-95% (non-condensing)

Packaging Content 1 x E283-S90-AAV1, 2 x CPU heatsinks, 6 x Carrier clips,
1 x Mini-DP to D-Sub cable
Packaging Dimensions: 982 x 588 x 268 mm

Part Numbers Barebone package (5th/4th Gen): 6NE283S90DR000ABV1*
Barebone package (4th Gen): 6NE283S90DR000AAV1*
- CPU heatsink: 25ST1-323208-A0R
- Mini-DP to D-Sub cable: 25CRN-200801-K1R
- Power supply: 25EP0-21600D-G1S
- 2-Section Rail kit (385-480mm): 25HB2-3A0204-K0R (Optional)
- 2-Section Rail kit (660-840mm): 25HB2-3A0203-K0R (Optional)



Learn more at <https://www.GIGABYTE.com/enterprise>

* All specifications are subject to change without notice. Please visit our website for the latest information.

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