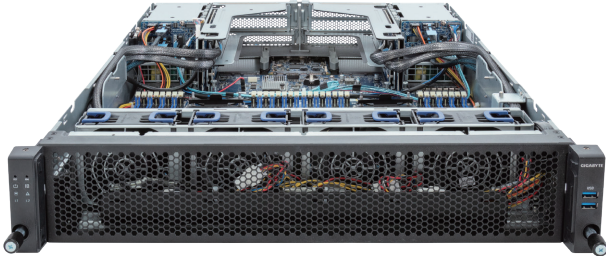


# E283-S90-AAD1

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 Platinum 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 Platinum 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-AAD1, 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): 6NE283S90DR000ABD1\*  
Barebone package (4th Gen): 6NE283S90DR000AAD1\*  
- CPU heatsink: 25ST1-323208-A0R  
- Mini-DP to D-Sub cable: 25CRN-200801-K1R  
- Power supply: 25EP0-216008-L0S  
- 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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