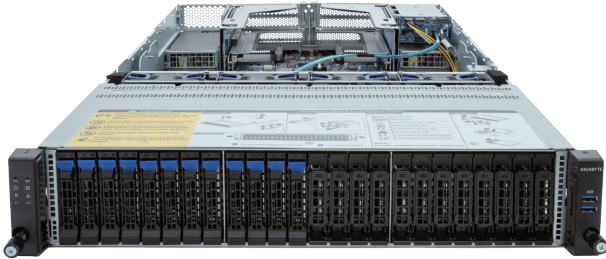


# R283-S95-AAC1

Rack Server - 2U DP 12+2-Bay SATA/SAS

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
- 12 x 2.5" SATA/SAS hot-swappable bays
- 2 x 2.5" SATA/SAS hot-swappable bays on the rear side
- 4 x FHHL PCIe Gen5 x16 slots
- 2 x OCP 3.0 Gen5 x16 slots
- Dual 1300W 80 PLUS Platinum redundant power supply

## Application

Networking, Hybrid/Private Cloud Server

## Specification

|                        |   |                             |  |
|------------------------|---|-----------------------------|--|
| <b>Dimensions</b>      | 2U (W438 x H87.5 x D815 mm)   | <b>I/O Ports</b>            | Front: 2 x USB 3.2 Gen1<br>Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN<br>Internal: 1 x TPM header, 1 x VROC connector   |
| <b>Motherboard</b>     | MS93-FS1  | <b>TPM</b>                  | 1 x TPM header with SPI interface (Optional TPM2.0 kit: CTM010)  |
| <b>CPU</b>             | 5th Generation Intel® Xeon® Scalable Processors<br>4th Generation Intel® Xeon® Scalable Processors<br>Intel® Xeon® CPU Max Series<br>Dual processor, TDP up to 350W | <b>Power Supply</b>         | Dual 1300W 80 PLUS Platinum redundant power supply<br>AC Input: 100-240V   |
| <b>Socket</b>          | 2 x LGA 4677 (Socket E)   | <b>System Management</b>    | ASPEED® AST2600 management controller<br>GIGABYTE Management Console (AMI MegaRAC SP-X)  |
| <b>Chipset</b>         | Intel® C741 Chipset   | <b>OS Compatibility</b>     | Windows Server 2019 / 2022<br>RHEL 8.6 / 8.7 / 8.8 / 8.9 / 8.10 / 9.0 / 9.1 / 9.2 / 9.3 / 9.4<br>SLES 15 SP4 / SP5 / SP6<br>Ubuntu 22.04 / 22.04.1 / 22.04.2 / 22.04.3 / 22.04.4 / 24.04 LTS<br>VMware ESXi 7.0 Update 3o / 8.0 Update 1, Update 2, Update 3<br>Citrix Hypervisor 8.2 LTSR CU1 |
| <b>Memory</b>          | 32 x DIMM slots, 8-Channel DDR5 memory<br>RDIMM up to 96GB supported<br>3DS RDIMM up to 256GB supported<br>Memory speed: Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC)   | <b>System Fans</b>          | 4 x 80x80x38mm (18,300rpm)   |
| <b>LAN</b>             | 2 x 1Gb/s LAN ports (1 x Intel® I350-AM2) - Supported NCSI<br>1 x 10/100/1000 management LAN  | <b>Operating Properties</b> | Operating temperature: 10°C to 35°C<br>Operating humidity: 8-80% (non-condensing)<br>Non-operating temperature: -40°C to 60°C<br>Non-operating humidity: 20%-95% (non-condensing)  |
| <b>Video</b>           | ASPEED® AST2600 Integrated 2D Graphic Adapter   | <b>Packaging Content</b>    | 1 x R283-S95-AAC1, 2 x CPU heatsinks, 6 x Carrier clips,<br>1 x Mini-DP to D-Sub cable, 1 x 2-Section Rail kit<br>Packaging Dimensions: 1077 x 679 x 300 mm  |
| <b>Storage</b>         | Front: 12 x 2.5" SATA/SAS hot-swappable bays<br>Rear: 2 x 2.5" SATA/SAS hot-swappable bays<br>*SAS card is required for SAS devices support                         | <b>Part Numbers</b>         | Barebone package (5th/4th Gen): 6NR283S95DR000ABC1*<br>Barebone package (4th Gen): 6NR283S95DR000AAC1*<br>- 2-Section Rail kit (CMA not supported): 25HB2-3A0206-K0R<br>- CPU heatsink: 25ST1-323208-A0R<br>- Mini-DP to D-Sub cable: 25CRN-200801-K1R<br>- Power supply: 25EP0-213004-F3S     |
| <b>RAID</b>            | Intel® SATA RAID 0/1/10/5   |                             |  |
| <b>Expansion Slots</b> | 4 x FHHL PCIe Gen5 x16 slots<br>2 x OCP 3.0 Gen5 x16 slots - Supporte NCSI function   |                             |  |
| <b>Backplane Board</b> | Front - CBP2007: SATA 6Gb/s or SAS 12Gb/s<br>Rear - CBP2022: SATA 6Gb/s or SAS 12Gb/s   |                             |  |



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