R283-S94-AAC1

Rack Server - 5th/4th Gen Intel® Xeon® Scalable - 2U DP 12+2-Bay SATA/SAS Platinum

intel. XEON | intel. XEON MAX SERIES | Red Hat Certified Technology | Windows Server 2022 Certified | Windows Server 2025 Certified | 80 PLUS PLATINUM

Key Features

- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- Dual Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 32 x DIMMs
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 12 x 3.5"/2.5" SATA/SAS hot-swap bays
- 2 x 2.5" SATA/SAS hot-swap bays on the rear side
- 4 x FHHL PCIe Gen5 x16 slots
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Dual 1300W 80 PLUS Platinum redundant power supply

Applications

Networks Server, Servers for Hybrid/Private Cloud...

Specification

Dimensions	2U (W438 x H87.5 x D815 mm)	**PCIe Expansion Slots**	4 x FHHL PCIe Gen5 x16 2 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
Motherboard	MS93-FS1	**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
CPU	5th Generation Intel® Xeon® Scalable Processors 4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® CPU Max Series Dual processor, TDP up to 350W		
		Backplane Board	**Front - CBP20C5:** SATA 6Gb/s or SAS 12Gb/s **Rear - CBP2022:** SATA 6Gb/s or SAS 12Gb/s
OS Compatibility	OS Support List	**TPM**	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
Socket	2 x LGA 4677	**Power Supply**	Dual 1300W 80 PLUS Platinum redundant power supply AC Input: 100-240V
Chipset	Intel® C741		
Memory	8-Channel DDR5 RDIMM, 32 x DIMMs [5th Gen Intel Xeon] Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) [4th Gen Intel Xeon] Up to 4800 MT/s (1DPC), 4400 MT/s (2DPC) [Intel Xeon Max Series] Up to 4800 MT/s (1DPC), 4400 MT/s (2DPC)	**System Management**	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
		System Fans	4 x 80x80x38mm
LAN	2 x 1Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mbps Management LAN	**Operating Properties**	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	**Packaging Content**	1 x R283-S94-AAC1 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 6 x Carriers 1 x 2-Section Rail kit
Storage	**Front hot-swap:** 12 x 3.5"/2.5" SATA/**SAS** [1] **Rear hot-swap:** 2 x 2.5" SATA/**SAS** [1] [1] SAS card is required to support SAS drives.		
		Ordering Part Numbers	6NR283S94DR000ABC1*
RAID	Intel® SATA RAID 0/1/10/5 Onboard VROC key header	**Optional Parts**	- 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R

Learn more at: https://www.gigabyte.com/Enterprise

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