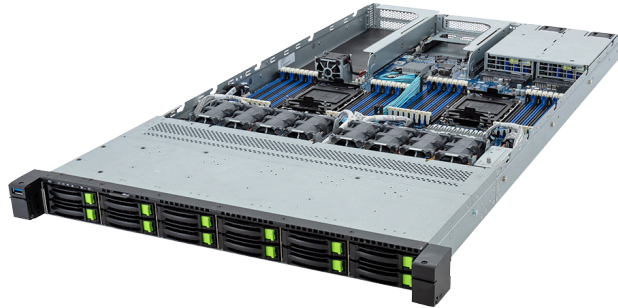


R183-SF1-AAJ1

Rack Server - 1U DP 1 x PCIe Gen5 GPU



Key Features

- Supports 1 x Dual slot Gen5 GPU
- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- Dual Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 32 x DIMMs
- Dual ROM Architecture
- 12 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 1 x FHFL PCIe Gen5 x16 slot for GPUs
- 1 x FHFL PCIe Gen5 x16 slot
- 1 x FHHL PCIe Gen5 x16 slot
- 1 x OCP NIC 3.0 Gen5 x16 slot
- 1+1 2000W 80 PLUS Titanium redundant power supplies

Applications

AI Platform, AI Training Server, AI Inference Server, Visual Computing, High-Performance Computing Server, Servers for Hybrid/Private Cloud...

Specification

Dimensions	1U (W438 x H43.5 x D815 mm)	PCIe Expansion Slots	1 x FHFL PCIe Gen5 x16, for GPUs 1 x FHFL PCIe Gen5 x16 ^[1] 1 x FHHL PCIe Gen5 x16 1 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI ^[1] Blocked when a Dual slot GPU is installed.
Motherboard	MSF3-GP0	I/O Ports	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 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	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
OS Compatibility	OS Support List	TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
Socket	2 x LGA 4677 (Socket E)	Power Supply	1+1 2000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
Chipset	Intel® C741	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
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 Fans	1 x 40x40x28mm (34,000rpm) 8 x 40x40x56mm (32,000rpm)
LAN	1 x 10/100/1000 Mbps Management LAN	Operating Properties	Operating: 10°C~30°C, 8%~80% (non-condensing) Non-operating: -40°C~60°C, 20%~95% (non-condensing)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Packaging Content	1 x R183-SF1-AAJ1 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 1 x GPU power cable (12VHPWR, 100mm) 6 x Carriers 1 x 2-Section Rail kit
Storage	Front hot-swap: 12 x 2.5" Gen5 NVMe/SATA/SAS-4 ^[1] ^[1] SAS card is required to support SAS drives.	Ordering Part Numbers	6NR183SF1DR000ABJ1*
RAID	Intel® SATA RAID 0/1/10/5 Onboard VROC key header Support optional RAID add-in cards	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>

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