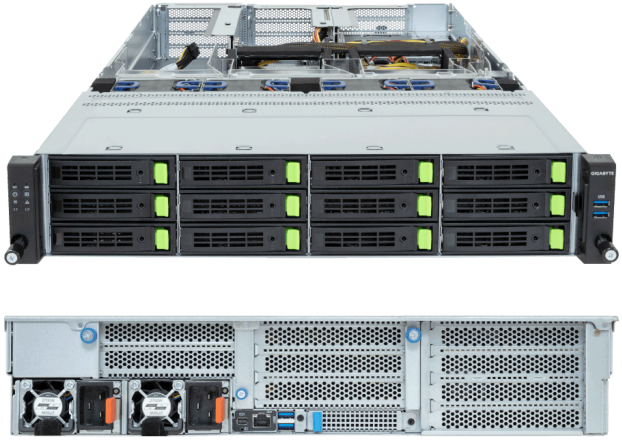
GIGABYTE™

R284-SF0-AAL1

Rack Server - Intel® Xeon® 6700/6500-Series Processors - 2U DP 4 x PCIe Gen5 GPUs



Key Features

- Supports up to 4 x dual-slot Gen5 GPUs
- Dual Intel® Xeon® 6700/6500-Series Processors
- 8-Channel DDR5 RDIMM/MRDIMM per CPU with 32 x DIMMs
- 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 1 x M.2 slot with PCIe Gen5 x4
- 4 x FHFL PCIe x16 slots with Gen5 x16 lanes for GPUs
- 1 x FHHL PCIe x16 slot with Gen5 x16 lanes
- 1 x OCP NIC 3.0 PCIe Gen5 x16 slot
- Dual 2700 W 80 PLUS Titanium redundant power supplies

Applications

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

Specification

Dimensions	2U (W438 x H87.5 x D815 mm)
Motherboard	MSF4-GP0
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6700-Series Processors - Intel® Xeon® 6500-Series Processors Dual processors, TDP up to 350 W
OS Compatibility	OS Support List
Socket	2 x LGA 4710 (Socket E2)
Chipset	System on Chip
Memory	8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs [RDIMM] Up to 6400 MT/s (1DPC), 6000 MT/s (2DPC) [MRDIMM] Up to 8000 MT/s [1] [1] MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores and only in a 1DPC configuration.
LAN	1 x 10/100/1000 Mb/s Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP
Storage	**Front hot-swap:** 12 x 3.5"/2.5" Gen5 NVMe**/SATA/SAS-4** [1] **Internal M.2:** 1 x M.2 (2280/22110), PCIe Gen5 x4 [1] Storage card is required to support SATA and SAS drives.
PCIe Expansion Slots	4 x FHFL x16 (Gen5 x16), for GPUs 1 x FHHL x16 (Gen5 x16) 1 x OCP NIC 3.0 (Gen5 x16), Support NCSI
I/O Ports	**Front:** 2 x USB 3.2 Gen1 **Rear:** 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN
TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012 1 x PRoT connector (only enabled on RoT SKU)
Power Supply	Dual 2700 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V *The system power supply requires C19 power cord.
System Fans	1 x 40x40x28mm 4 x 80x80x56mm
Operating Properties	Operating: 10°C to 30°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Packaging Content	1 x R284-SF0-AAL1 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 1 x GPU power cable (16-pin, 100mm) 1 x GPU power cable (16-pin, 280mm) 1 x GPU power cable (16-pin, 450mm) 1 x GPU power cable (16-pin, 550mm) 4 x Carriers 1 x 2-Section Rail kit
Ordering Part Numbers	6NR284SF0DR000AAL1*
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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