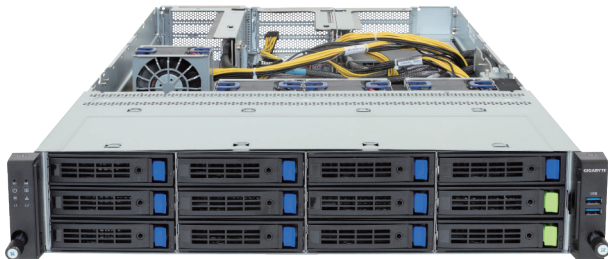


R264-AG0-AAS1

Rack Server - 2U UP 4 x PCIe Gen5 GPUs



Key Features

- Supports up to 4 x Dual slot Gen5 GPUs
- Single Intel® Xeon® 6 Processors, LGA 7529
- 12-Channel DDR5 RDIMM / MRDIMM, 12 x DIMMs
- Dual ROM Architecture
- 2 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 10 x 3.5"/2.5" SATA/SAS-4 hot-swap bays
- 2 x M.2 slots with PCIe Gen5 x2 interface
- 4 x FHFL PCIe Gen5 x16 slots for GPUs
- 1 x OCP NIC 3.0 PCIe Gen5 x16 slot
- 2 x 3200W 80 PLUS Titanium redundant power supply

Application

AI, AI Inference, Visual Computing, Networking, Hybrid/Private Cloud...

Specification

| | | | |
|------------------------|---|-----------------------------|---|
| Dimensions | 2U (W438 x H87.5 x D815 mm) | I/O Ports | Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 1 x MLAN |
| Motherboard | MAG4-GU0 | Backplane Board | Gen5 NVMe or SATA 6Gb/s or SAS-4 24Gb/s |
| CPU | Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors Single processor, TDP up to 500W | Security Modules | 1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM012 1 x PRoT module connector (only enabled on RoT SKU) |
| Sock | 1 x LGA 7529 (Socket BR) | Power Supply | 2 x 3200W 80 PLUS Titanium redundant power supply AC Input: 100-240V *The system power supply requires C19 power cord. |
| Chipset | System on Chip | System Management | ASPEED® AST2600 management controller GIGABYTE Management Console (AMI MegaRAC SP-X) |
| Memory | 12-Channel DDR5 RDIMM / MCR DIMM*, 12 x DIMM slots RDIMM: Up to 6400 MT/s MRDIMM: Up to 8000 MT/s *MRDIMMs are only supported with Intel Xeon 6 CPU with P-cores. | System Fans | 4 x 80x80x56mm (15,500rpm) |
| LAN | 1 x 10/100/1000 Mbps Management LAN | Operating Properties | Operating temperature: 10°C to 30°C Operating humidity: 8%-80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20%-95% (non-condensing) |
| Video | Integrated in ASPEED® AST2600 - 1 x Mini-DP | Packaging Content | 1 x R264-AG0-AAS1, 1 x CPU heatsink, 1 x Carrier, 1 x Mini-DP to D-Sub cable, 4 x GPU power cables |
| Storage | Front hot-swap: 2 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4* 10 x 3.5"/2.5" SATA/SAS-4* *SAS card is required to support SAS drives. Internal M.2: 1 x M.2 slot with PCIe Gen5 x2 interface 1 x M.2 slot with PCIe Gen5 x2 interface, shared with SATA | Part Numbers | Barebone package: 6NR264AG0DR000AAS1* Optional parts: - C19 power cord 125V/15A (US): 25CP1-018000-Q0R - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R - C19 power cord 125V/15A (JP): 25CPA-01830B-Q0R - 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R |
| RAID | Require RAID add-in cards Onboard VROC key header | | |
| Expansion Slots | 4 x FHFL PCIe Gen5 x16 slots for GPUs 1 x OCP NIC 3.0 PCIe Gen5 x16 slot (supports NCSI function) | | |



Learn more at <https://www.GIGABYTE.com/enterprise>

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