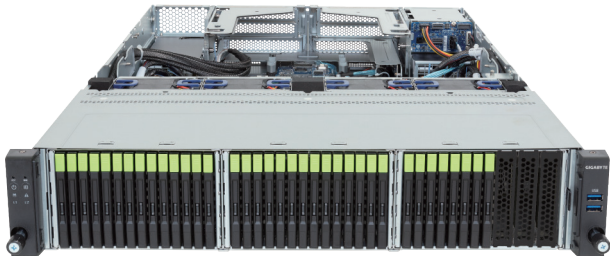


R284-A91-AAL1

Rack Server - 2U DP 36-Bay E3.S NVMe



Key Features

- Dual Intel® Xeon® 6 Processors, LGA 7529
- 12-Channel DDR5 RDIMM / MCR DIMM, 24 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 36 x E3.S Gen5 NVMe hot-swap bays
- 2 x 2.5" SATA/SAS-4 hot-swap bays on the rear side
- 2 x M.2 slots with PCIe Gen5 x4 interface
- 1 x FHHL PCIe Gen5 x16 slot
- 1 x OCP NIC 3.0 PCIe Gen5 x16 slot
- 2 x 2700W 80 PLUS Titanium redundant power supply

Application

Networking, Hybrid/Private Cloud Server...

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, 2 x RJ45, 1 x Mini-DP, 1 x MLAN |
| Motherboard | MA94-FS0 | Backplane Board | Front side - CBP20E0 and CBP20P0: PCIe Gen5 x4 Rear side - CBP2025: SATA 6Gb/s or SAS-4 24Gb/s |
| CPU | Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors Dual 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) |
| Socket | 2 x LGA 7529 (Socket BR) | Power Supply | 2 x 2700W 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 Baseboard Management Controller GIGABYTE Management Console web interface |
| Memory | 12-Channel DDR5 RDIMM / MCR DIMM*, 24 x DIMM slots RDIMM: Up to 6400 MT/s; MCR DIMM: Up to 8000 MT/s *MCR DIMMs are only supported with Intel Xeon 6 CPU with P-cores. | System Fans | 4 x 80x80x56mm (15,500rpm) |
| LAN | 2 x 1Gb/s LAN (1 x Intel® I350-AM2) - Support NCSI function 1 x 10/100/1000 Mbps Management LAN | Operating Properties | Operating temperature: 10°C to 35°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 R284-A91-AAL1, 2 x CPU heatsinks, 2 x Carrier, 1 x Mini-DP to D-Sub cable, 1 x 2-Section Rail kit |
| Storage | Front hot-swap: 36 x E3.S Gen5 NVMe Rear hot-swap: 2 x 2.5" SATA/SAS-4* *SAS card is required to support SAS drives. Internal M.2: 2 x M.2 (2280/22110), PCIe Gen5 x4 | Part Numbers | Barebone package: 6NR284A91DR000AAL1* 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 | 1 x FHHL PCIe Gen5 x16 slot 1 x OCP NIC 3.0 PCIe Gen5 x16 slot | | |



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

* All specifications are subject to change without notice. Please visit our website for the latest information.
* Intel, the Intel logo, Xeon, and other Intel marks are trademarks of Intel Corporation or its subsidiaries.
* All other brands, logos and names are property of their respective owners.

© 2024 Giga Computing Technology Co., Ltd. All rights reserved.

Designed by

