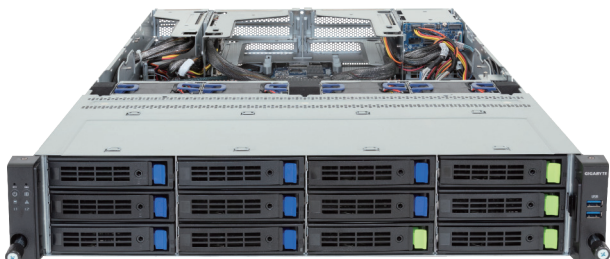


R284-A94-AAL1

Rack Server - 2U DP 12+2-Bay NVMe/SATA/SAS-4 with expander



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
- 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 8 x 3.5"/2.5" SATA/SAS-4 hot-swap bays
- 2 x 2.5" SATA/SAS-4 hot-swap bays on the rear side
- Onboard 24Gb/s SAS-4 expander
- 2 x M.2 slots with PCIe Gen5 x4 interface
- 6 x FHHL PCIe Gen5 x16 slots
- 1 x LP PCIe Gen5 x16 slot
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- 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 - CBP21C4: PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s Rear - 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)
Sock	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 management controller GIGABYTE Management Console
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-A94-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: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 + 8 x 3.5"/2.5" SATA/SAS-4* Rear hot-swap: 2 x 2.5" SATA/SAS-4* *Storage card is required to enable SATA and SAS drives. Broadcom SAS4x32 expander 1 x M.2 (2280), PCIe Gen5 x2 2 x M.2 (2280/22110), PCIe Gen5 x4	Part Numbers	Barebone package: 6NR284A94DR000AAL1* 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	6 x FHHL PCIe Gen5 x16 slots 1 x LP PCIe Gen5 x16 slot 2 x OCP NIC 3.0 PCIe Gen5 x16 slots - Support NCSI function		



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

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