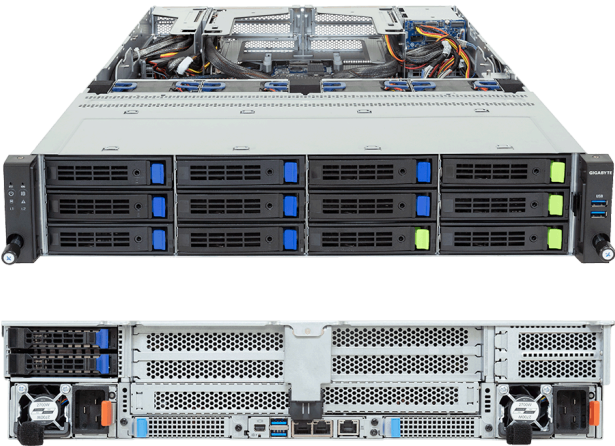


R284-A94-AAL1

Rack Server - Intel® Xeon® 6900E+/6900-Series Processors -
2U DP 12+2-Bay Gen5 NVMe/SATA/SAS-4 with expander



Key Features

- Dual Intel® Xeon® 6900E+/6900-Series Processors
- 12-Channel DDR5 RDIMM/MRDIMM per CPU with 24 x DIMMs
- 2 x 1 Gb/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
- 3 x M.2 slots with PCIe Gen5 x4 and x2
- 6 x FHHL PCIe x16 slots with Gen5 x16 lanes
- 1 x LP PCIe x16 slot with Gen5 x16 lanes
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- 1+1 2700 W 80 PLUS Titanium redundant power supplies

Specification

Dimensions	2U (W438 x H87.5 x D815 mm)	PCIe Expansion Slots	6 x FHHL x16 (Gen5 x16) 1 x LP x16 (Gen5 x16) 2 x OCP NIC 3.0 (Gen5 x16), Support NCSI
Motherboard	MA94-FS0	I/O Ports	Front: 2 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
CPU	Intel® Xeon® 6+ Processors - Intel® Xeon® 6900E+ Processors Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors Dual processors, TDP up to 500 W	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012 1 x PROT connector (only enabled on RoT SKU)
OS Compatibility	OS Support List	Power Supply	1+1 2700 W 80 PLUS Titanium redundant power supplies AC Input: 100-240 V *The system power supply requires C19 power cord.
Socket	2 x LGA 7529 (Socket BR)	System Fans	4 x 80x80x56mm
Memory	12-Channel DDR5 RDIMM/MRDIMM, 24 x DIMMs Intel Xeon 6900E+: [RDIMM] Up to 8000 MT/s Intel Xeon 6900-series: [RDIMM] Up to 6400 MT/s [MRDIMM] Up to 8800 MT/s ^[1] ^[1] MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores.	Operating Properties	Operating: 10°C to 35°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
LAN	2 x 1 Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	Packaging Content	1 x R284-A94-AAL1 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 2 x Carriers 1 x 2-Section Rail kit
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Ordering Part Numbers	6NR284A94DR000AAL1*
Storage	Front hot-swap: 4 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 ^[1] 8 x 3.5"/2.5" SATA/SAS-4 ^[1] Rear hot-swap: 2 x 2.5" SATA/SAS-4 ^[1] Internal M.2: 2 x M.2 (2280/22110), PCIe Gen5 x4 1 x M.2 (2280), PCIe Gen5 x2 ^[1] Storage card is required to enable SATA and SAS drives. - Broadcom SAS4x32 expander - Bandwidth: SATA 6 Gb/s or SAS-4 24 Gb/s per port	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>
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