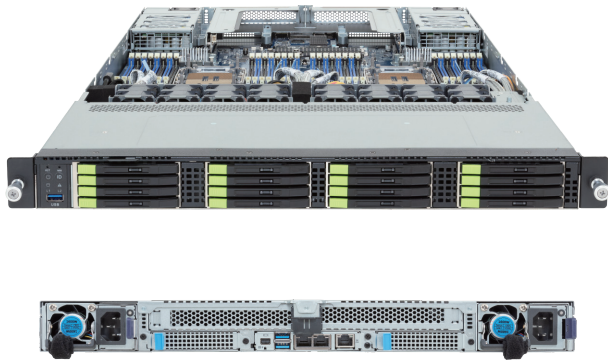


R184-S94-AAV1

Rack Server - 1U DP 16-Bay E3.S NVMe



Key Features

- Dual Intel® Xeon® 6 Processors, LGA 4710
- 8-Channel DDR5 RDIMM / MRDIMM, 32 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 16 x E3.S Gen5 NVMe hot-swap bays
- 3 x M.2 slots with PCIe Gen5 x4 and x2 interface
- 2 x FHHL PCIe Gen5 x16 slots
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- Dual 1600W 80 PLUS Titanium redundant power supply

Application

Networking, Hybrid/Private Cloud Server

Specification

Dimensions	1U (W438 x H43.5 x D815 mm)	I/O Ports	Front: 1 x USB 3.2 Gen1 Rear: 2 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
Motherboard	MS94-FS0	Backplane Board	Speed and bandwidth: PCIe Gen5 x4
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6700E-Series Processors - Intel® Xeon® 6700P-Series Processors - Intel® Xeon® 6500P-Series Processors Dual processors, TDP up to 350W	Security Modules	1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM012 1 x PRoT connector (only enabled on RoT SKU)
Sock	2 x LGA 4710 (Socket E2)	Power Supply	Dual 1600W 80 PLUS Titanium redundant power supply AC Input: 100-240V
Chipset	System on Chip	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	8-Channel DDR5 RDIMM / MRDIMM, 32 x DIMM slots RDIMM: Up to 6400 MT/s (1DPC), 5200 MT/s (2DPC) MRDIMM: Up to 8000 MT/s (*MCR DIMMs are only supported with Intel Xeon 6 Processors with P-cores and in a 1DPC configuration.)	OS Support	Windows Server, Red Hat Enterprise Linux server, Ubuntu, SUSE Linux Enterprise server, VMware ESXi, Citrix Hypervisor
LAN	2 x 1Gb/s LAN ports (1 x Intel® I350-AM2) - supports NCSI function 1 x 10/100/1000 Mbps Management LAN	System Fans	8 x 40x40x56mm (32,000rpm)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	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)
Storage	Front hot-swap: 16 x E3.S Gen5 NVMe Internal M.2: 2 x M.2 (2280/22110), PCIe Gen5 x4 1 x M.2 (2280), PCIe Gen5 x2	Packaging Content	1 x R184-S94-AAV1, 2 x CPU heatsinks, 1 x Mini-DP to D-Sub cable, 4 x Carriers, 1 x 2-Section Rail kit Packaging Dimensions: 1045 x 595 x 249 mm
RAID	Require RAID add-in cards Onboard VROC key header	Part Numbers	Barebone package: 6NR184S94DR000AAV1* Optional parts: - 3-Section Rail kit (Supports CMA): 25HB2-A56121-K0R - Cable Management Arm: 25HB1-R18300-K0R
Expansion Slots	2 x FHHL PCIe Gen5 x16 slots 2 x OCP NIC 3.0 PCIe Gen5 x16 slots (supports NCSI function)		



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

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