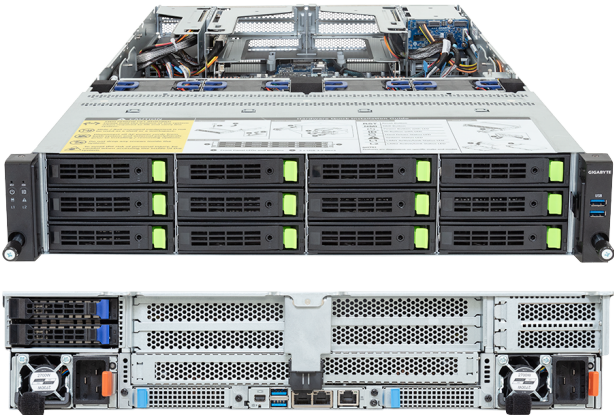


Dual Processor Server

Rack Server - 2U DP 12+2-Bay Gen5 NVMe/SATA/SAS-4



Key Features

- Dual Intel® Xeon® 6900-Series Processors
- 12-Channel DDR5 RDIMM / MRDIMM, 24 x DIMMs
- Dual ROM Architecture
- 2 x 1Gb/s LAN ports via Intel® I350-AM2
- 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 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
- 2 x FHHL Dual-slot PCIe Gen5 x16 slots
- 2 x FHHL Single-slot PCIe Gen5 x16 slots
- 1 x LP PCIe Gen5 x16 slot
- 2 x OCP NIC 3.0 PCIe Gen5 x16 slots
- 1+1 2700W 80 PLUS Titanium redundant power supplies

Applications

Networks Server, Servers for Hybrid/Private Cloud...

Specification

Dimensions	2U (W438 x H87.5 x D815 mm)
Motherboard	MA94-FS0
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6900-Series Processors Dual processor, TDP up to 500W
OS Compatibility	Windows Server 2025
Socket	2 x LGA 7529 (Socket BR)
Chipset	System on Chip
Memory	12-Channel DDR5 RDIMM/MRDIMM, 24 x DIMMs [RDIMM] Up to 6400 MT/s [MRDIMM] Up to 8800 MT/s [1] [1] MRDIMMs are only supported with Intel® Xeon® 6 Processors with P-cores.
LAN	2 x 1Gb/s LAN (1 x Intel® I350-AM2), Support NCSI 1 x 10/100/1000 Mbps Management LAN
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP
Storage	Front hot-swap: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 [1] Rear hot-swap: 2 x 2.5" SATA/SAS-4 [2] Internal M.2: 2 x M.2 (2280/22110), PCIe Gen5 x4 [1] Storage card is required to support SATA and SAS drives. [2] SAS card is required to support SAS drives.
RAID	Require RAID add-in cards Onboard VROC key header

PCIe Expansion Slots	2 x FHHL PCIe Gen5 x16 (Dual-slot) 2 x FHHL PCIe Gen5 x16 (Single-slot) 1 x LP PCIe Gen5 x16 2 x OCP NIC 3.0 PCIe Gen5 x16, Support NCSI
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
Backplane Board	Front - CP0C7: PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s Rear - CP2025: SATA 6Gb/s or SAS-4 24Gb/s
TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM012 1 x PProT connector (only enabled on RoT SKU)
Power Supply	1+1 2700W 80 PLUS Titanium redundant power supplies AC Input: 100-240V *The system power supply requires C19 power cord.
System Management	Baseboard Management Controller Management Console web interface
System Fans	4 x 80x80x56mm
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)
Packaging Content	1 x Dual Server 2 x CPU heatsinks 1 x Mini-DP to D-Sub cable 2 x Carriers 1 x 2-Section Rail kit
Ordering Part Numbers	R24A901
Optional Parts	- 3-Section Rail kit (Supports CMA): HB2-A50R - Cable Management Arm: B1-R0-K