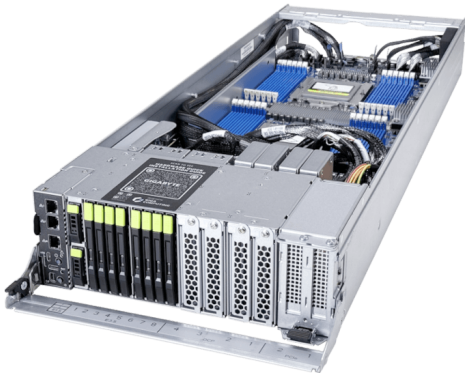


TO25-ZM0-AA01

ORV3 Compute Node - AMD EPYC™ 9005 -
2OU 2-Node DP 8-Bay E3.S Gen5 NVMe + 2-Bay E1.S Gen3 NVMe



Key Features

- Dual AMD EPYC™ 9005 Series Processors
- 12-Channel DDR5 RDIMM, 24 x DIMMs
- Hardware Root of Trust
- 2 x 1 Gb/s LAN ports via Intel® I350-AM2
- 8 x E3.S Gen5 NVMe hot-swap bays
- 2 x E1.S Gen3 NVMe hot-swap bays
- 2 x LP PCIe Gen5 x16
- 4 x OCP NIC 3.0 SFF PCIe Gen5 x16
- 48 V to 54 V DC bus bar power solution

Specification

Dimensions	2OU 2-Node (W263 x H91.2 x D755 mm)	RAID	Supports RAID 0/1 on E1.S drives Require RAID add-in cards
Open Rack Version	ORV3	PCIe Expansion Slots	2 x LP PCIe Gen5 x16 4 x OCP NIC 3.0 SFF PCIe Gen5 x16, Support NCSI
Motherboard	MZM3-OP0	I/O Ports	Front: 1 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
CPU	AMD EPYC™ 9005 Series Processors Dual processor, cTDP up to 400 W	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM010
OS Compatibility	OS Support List	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
Memory	12-Channel DDR5 RDIMM, 24 x DIMMs Up to 6400 MT/s	Compatible Node Tray	TO25-BT1-AA01
LAN	Front: 2 x 1 Gb/s LAN (1 x Intel® I350-AM2) 1 x 10/100/1000 Mb/s Management LAN Rear: 2 x 1 Gb/s LAN (1 x Intel® I350-AM2) (Cross-node data link)	Operating Properties	Operating: 10°C to 30°C, 8% to 80% (non-condensing) Non-operating: -40°C to 60°C, 20% to 95% (non-condensing)
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Packaging Content	1 x TO25-ZM0-AA01 2 x CPU heatsinks
Storage	Front hot-swap: 8 x E3.S Gen5 NVMe 2 x E1.S Gen3 NVMe	Ordering Part Numbers	6NTO25ZM0RR000AA01*

