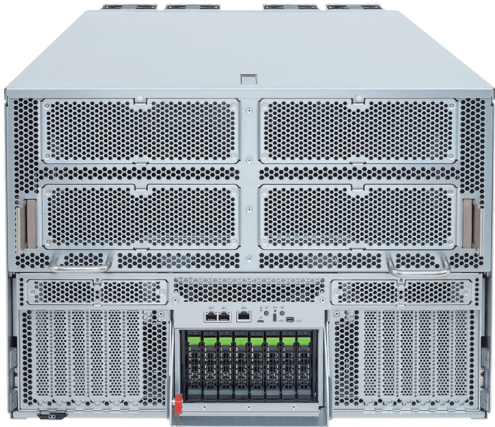


TO86-SX1-AA04

ORV3 GPU Server - Intel® Xeon® 6700/6500 - 8OU DP AMD Instinct™ MI355X



Key Features

- 8 x AMD Instinct™ MI355X OAM GPUs
- Dual Intel® Xeon® 6700/6500-Series Processors
- 8-Channel DDR5 RDIMM / MRDIMM, 32 x DIMMs
- 2 x 10 Gb/s LAN ports via Intel® X710-AT2
- 1 x M.2 PCIe Gen5 x4
- 8 x 2.5" Gen5 NVMe hot-swap bays
- 12 x FHHL PCIe Gen5 x16
- 48 V to 54 V DC Bus Bar power solution

Specification

Dimensions	8OU (W537 x H380.5 x D853 mm)	Storage	Front hot-swap: 8 x 2.5" Gen5 NVMe Internal M.2: 1 x M.2 (2280/22110), PCIe Gen5 x4
Open Rack Version	ORV3	Modular GPU	8 x AMD Instinct™ MI355X OAM GPUs
Motherboard	MSJ4-GD0	PCIe Expansion Slots	12 x FHHL PCIe Gen5 x16
CPU	Intel® Xeon® 6 Processors - Intel® Xeon® 6700-Series Processors - Intel® Xeon® 6500-Series Processors Dual processor, TDP up to 350 W	I/O Ports	Front: 1 x USB 3.2 Gen1, 1 x Mini-DP, 2 x RJ45, 1 x MLAN
Socket	2 x LGA 4710	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
Chipset	System on Chip	System Fans	Motherboard: 4 x 92x92x38mm GPU tray: 12 x 92x92x76mm
Memory	8-Channel DDR5 RDIMM/MRDIMM, 32 x DIMMs [RDIMM] Up to 6400 MT/s (1DPC), 6000 MT/s (2DPC) [MRDIMM] Up to 8000 MT/s [1] MRDIMMs are supported only on select Intel® Xeon® 6 processors with P-cores and only in a 1DPC configuration.	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 10 Gb/s LAN (1 x Intel® X710-AT2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN	Packaging Content	1 x TO86-SX1-AA04 2 x CPU heatsinks 4 x Carriers
Video	Integrated in ASPEED® AST2600 - 1 x Mini-DP	Ordering Part Numbers	6NTO86SX1UR000AA04*

