

G893-ZX1-AAX2

HPC/AI Server - AMD EPYC™ 9005/9004 Server Processors -
8U DP AMD Instinct™ MI325X



Key Features

- 8 x AMD Instinct™ MI325X OAM GPUs
- Dual AMD EPYC™ 9005/9004 Server Processors
- 12-Channel DDR5 RDIMM per CPU with 24 x DIMMs
- 2 x 10 Gb/s LAN ports via Intel® X710-AT2
- 2 x M.2 slots with PCIe Gen3 x4 and x1
- 8 x 2.5" Gen5 NVMe hot-swap bays
- 4 x FHHL dual-slot PCIe x16 slots with Gen5 x16 lanes
- 8 x FHHL single-slot PCIe x16 slots with Gen5 x16 lanes
- 6+6 3000 W 80 PLUS Titanium redundant power supplies

Applications

AI Platform, AI Training Server, AI Inference Server, High-Performance Computing Server...

Specification

Dimensions	8U (W447 x H351 x D923 mm)	Modular GPU	8 x AMD Instinct™ MI325X OAM GPUs
Motherboard	MZB3-PE0	PCIe Expansion Slots	4 x FHHL x16 (Gen5 x16), dual-slot 8 x FHHL x16 (Gen5 x16), single-slot
CPU	AMD EPYC™ 9005 Server Processors AMD EPYC™ 9004 Server Processors Dual processor, cTDP up to 500 W	I/O Ports	Front: 2 x USB 3.2 Gen1, 1 x VGA, 2 x RJ45, 1 x MLAN (default) Rear: 1 x MLAN
OS Compatibility	OS Support List	TPM	1 x TPM header (SPI), Optional TPM 2.0 kit: CTM012
Socket	2 x LGA 6096 (Socket SP5)	Power Supply	6+6 3000 W 80 PLUS Titanium redundant power supplies AC Input: 115-240 V *The system power supply requires C19 power cord.
Chipset	System on Chip	System Fans	Motherboard: 2 x 60x60x56mm 4 x 60x60x76mm PCIe slots: 4 x 80x80x56mm GPU tray: 15 x 80x80x80mm
Memory	12-Channel DDR5 RDIMM, 24 x DIMMs [EPYC 9005] Up to 6400 MT/s [EPYC 9004] Up to 4800 MT/s	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)
LAN	Front: 2 x 10 Gb/s LAN (1 x Intel® X710-AT2), Support NCSI 1 x 10/100/1000 Mb/s Management LAN Rear: 1 x 10/100/1000 Mb/s Management LAN	Packaging Content	1 x G893-ZX1-AAX2 2 x CPU heatsinks 1 x L-shape Rail kit
Video	Integrated in ASPEED® AST2600 - 1 x VGA port	Ordering Part Numbers	6NG893ZX1DR000ACX2*
Storage	Front hot-swap: 8 x 2.5" Gen5 NVMe Internal M.2: 1 x M.2 (2280/22110), PCIe Gen3 x4 1 x M.2 (2280/22110), PCIe Gen3 x1		



Learn more at: <https://www.gigabyte.com/Enterprise>

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