

GZX | G593-ZX1-AAX1

Let Hyperscalers meet your
bespoke requirements.

Start customizing your GZX | G593-
ZX1-AAX1 today!



- ✓ 8 x AMD Instinct™ MI300X OAM GPUs
- ✓ Dual AMD EPYC™ 9004 Series Processors
- ✓ 12-Channel DDR5 RDIMM, 24 x DIMMs
- ✓ Dual ROM Architecture
- ✓ 2 x 10Gb/s LAN ports via Intel® X710-AT2
- ✓ 2 x M.2 slots with PCIe Gen3 x4 and x1 interface
- ✓ 8 x 2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- ✓ 4 x FHHL PCIe Gen5 x16 slots
- ✓ 8 x LP PCIe Gen5 x16 slots
- ✓ 4+2 3000W 80 PLUS Titanium redundant power supplies

Supports AMD Instinct™ MI300X Accelerators

The AMD Instinct MI300X Platform integrates 8 fully connected MI300X GPU OAM modules onto an industry-standard OCP design via 4th-Gen AMD Infinity Fabric™ links, delivering up to 1.5TB HBM3 capacity for low-latency AI processing. This ready-to-deploy platform can accelerate time-to-market and reduce development costs when adding MI300X accelerators into existing AI rack and server infrastructure.



About Hyperscalers



**World's First Open
OEM**



**Free Of Proprietary
Software Lock-Ins**



**Free Of Proprietary
Hardware Lock-Ins**



US Stock



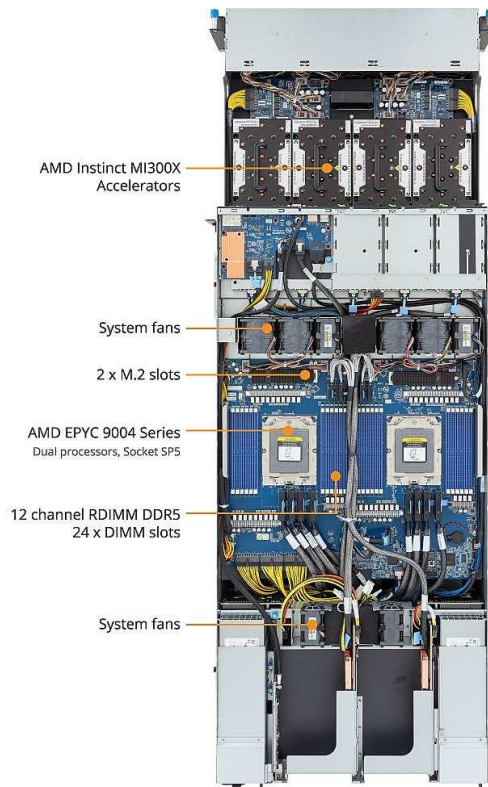
Full US
Warranty



100%
Channel
Distributor



Metro
Delivery 1-4
Days



8 MI300X

8x AMD Instinct MI300X GPU
OAM modules

1.5 TB

192 GB HBM 3 Memory per OAM
(1.5 TB Total)

42.4 TB/s

Peak Theoretical Aggregate
Memory Bandwidth



GZX | G593-ZX1-AAX1 Specifications

Processor	CPU: AMD EPYC™ 9005/9004 Series Processors Processor: 2 Max. TDP Support: 400W	Video	Integrated in ASPEED® AST2600 - 1 x VGA port
Modular GPU	8 x AMD Instinct™ MI300X OAM GPUs	System Fans	Motherboard: 2 x 40x40x56mm (32,000rpm) 4 x 60x60x56mm (24,000rpm) PCIe slots: 4 x 40x40x28mm (25,000rpm) 2 x 40x40x56mm (32,000rpm) GPU tray: 16 x 80x80x80mm (17,000rpm)
Form Factor	5U	LAN	Front: 2 x 10Gb/s LAN (1 x Intel® X710-AT2) - Support NCSI function 1 x 10/100/1000 Mbps Management LAN Rear (MLAN board - CDB66): 1 x 10/100/1000 Mbps Management LAN
Dimensions	W x H x D (mm): 447 x 221.2 x 965	Rear I/O	MLAN board - CDB66: 1 x MLAN port
Socket	2 x LGA 6096, Socket SP5	Backplane Board	Speed and bandwidth: PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
Chipset	System on Chip	Security Modules	1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM010
Memory	Supported DIMM Qty: (8) DIMM slots DIMM Type / Speed: RDIMM / RDIMM-3DS DDR5 4800 MHz (1DPC)/ 4400MHz (2DPC) - 4th Gen. / RDIMM / RDIMM-3DS DDR5 5600 MHz (1DPC) / 4400MHz (2DPC) - 5th Gen. Capacity: Up to 1,024GB RDIMM/ 2,048GB 3DS RDIMM DDR5 5600/4800/4400 /*Follow latest Intel DDR5 Memory POR Memory channel: 8 Channels per CPU Memory voltage: 1.1V	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)
Motherboard	MZB3-G43	Optional Parts	- C19 power cord 125V/15A (US): 25CP1-018000-Q0R - C19 power cord 250V/16A (EU): 25CP3-01830H-Q0R - C19 power cord 125V/15A (JP): 25CPA-01830B-Q0R
Storage	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA/SAS-4 [1] - (NVMe from PEX89104) Internal M.2: 1 x M.2 (2280/22110), PCIe Gen3 x4, from CPU_1 1 x M.2 (2280/22110), PCIe Gen3 x1, from CPU_0 [1] Storage card is required to support SATA and SAS drives. SAS: Require SAS add-in cards RAID: Require RAID add-in cards		
Expansion Slot	Extension Board CPBG044 x 2: - 8 x LP x16 (Gen5 x16), from PEX89104 Riser Card CPBGD20 x 2: - 4 x FHHL x16 (Gen5 x16), from PEX89048		
Front I/O	2 x USB 3.2 Gen1 ports (Type-A) 1 x VGA port 2 x RJ45 ports 1 x MLAN port (default) 1 x Power button with LED 1 x ID button with LED 1 x NMI button 1 x Reset button 1 x Storage activity LED 1 x System status LED		

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About Hyperscalers

Hyperscalers is the world's first open Original Equipment Manufacturer offering proprietary-free alternative to traditional Tier 1 OEM vendors.

Hereto to solve Information technology's complexity, Hyperscalers developed the IP Appliance Design Process. Which is basically a process along with a utility, being the Appliance Optimizer Utility, which together, assists service providers 'productize' delivery of their Digital-IP.

Technology Partners



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