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5th Generation AMD EPYC™ Processors for SP5 Socket



GZ7 | G894-ZD3-AAX7 B300

Let Hyperscalers meet your bespoke requirements.

Start customizing your GZ7 | G894-ZD3-AAX7 B300 today!

- ✓ NVIDIA HGX™ B300
- ✓ 8 x 800 Gb/s OSFP GPU networking ports supporting InfiniBand XDR or dual 400 Gb/s Ethernet
- ✓ via onboard NVIDIA ConnectX®-8 SuperNIC™
- ✓ 1.8 TB/s GPU-to-GPU bandwidth with NVIDIA NVLink™ and NVLink™ Switch
- ✓ Dual AMD EPYC™ 9005/9004 Series Processors
- ✓ 12-Channel DDR5 RDIMM, 24 x DIMMs
- ✓ Compatible with NVIDIA® BlueField®-3 DPUs
- ✓ 2 x 10 Gb/s LAN ports via Intel® X710-AT2
- ✓ 2 x M.2 PCIe Gen3 x4 and x1
- ✓ 8 x 2.5" Gen5 NVMe hot-swap bays
- ✓ 4 x FHHL PCIe Gen5 x16
- ✓ 12 x 3000 W 80 PLUS Titanium redundant power supplies

About Hyperscalers



World's First Open OEM



Free Of Proprietary Software Lock-Ins



Free Of Proprietary Hardware Lock-Ins



US Stock



100% Channel Distributor



Full US Warranty

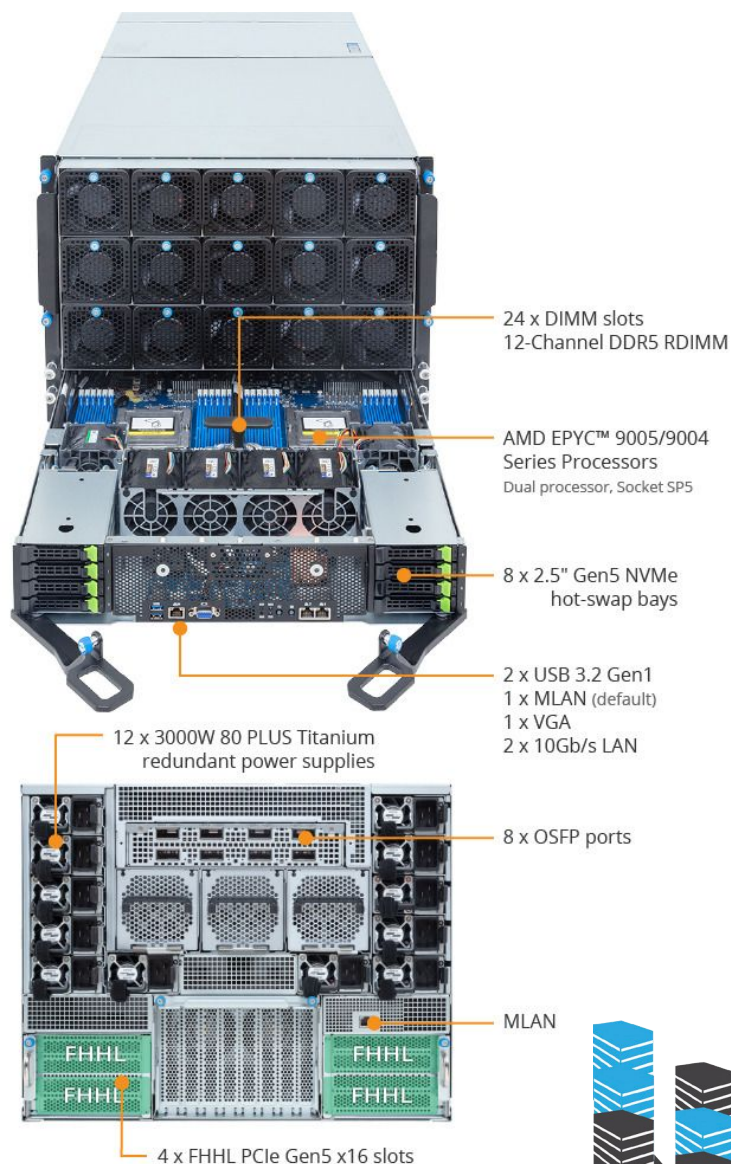


Metro Delivery 1-4 Days



GZ7 B300

The SP5 platform reaches new performance levels with 5th Gen AMD EPYC™ 9005 processors, delivering up to 192 cores, higher frequencies, and increased cache. Built on 3nm AMD "Zen 5" and "Zen 5c" architectures, it offers exceptional performance, energy efficiency, and cost optimization for cloud, general-purpose, and technical computing.



GZ7 | G894-ZD3-AAX7 B300 Specifications

Processor	CPU: AMD EPYC™ 9005 Series Processors AMD EPYC™ 9004 Series Processors Dual processor, cTDP up to 500W [Note] If only 1 CPU is installed, some PCIe or memory functions might be unavailable. Motherboard: MZB3-PE2	Storage	Front hot-swap: 8 x 2.5" Gen5 NVMe - (NVMe from PEX89072) 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
Form Factor	8U	LAN	Front (I/O board): 2 x 10Gb/s LAN (1 x Intel® X710-AT2) - Support NCSI function 1 x 10/100/1000 Mbps Management LAN Rear: 8 x 800 Gb/s OSFP supporting InfiniBand XDR or dual 400 Gb/s Ethernet, for GPU networking, via NVIDIA ConnectX®-8 SuperNIC™ Rear (MLAN board): 1 x 10/100/1000 Mbps Management LAN [Note] When both MLAN ports are connected with cables, the front MLAN port will be set as the default.
Modular GPU	NVIDIA HGX™ B300 with 8 x SXM GPUs	Front I/O	I/O board: 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
Memory	24 x DIMM slots DDR5 memory supported 12-Channel memory per processor AMD EPYC™ 9005: RDIMM: Up to 6400 MT/s AMD EPYC™ 9004: RDIMM: Up to 4800 MT/s	Rear I/O	8 x OSFP ports MLAN board: 1 x MLAN port
PCIe Expansion Slots	PCIe Bridge Board x 2: - 4 x FHHL x16 (Gen5 x16), from PEX89072 PCIe Bridge Board - CPBG045 x 2: - 4 x FHHL x16 (Gen5 x16), from PEX89048	Power Supply	12 x 3000W 80 PLUS Titanium redundant power supplies
Video	Integrated in ASPEED® AST2600 - 1 x VGA port	Operating Properties	Operating temperature: 10°C to 30°C Operating humidity: 8% to 80% (non-condensing) Non-operating temperature: -40°C to 60°C Non-operating humidity: 20% to 95% (non-condensing)
Security Modules	1 x TPM header with SPI interface - Optional TPM2.0 kit: CTM012		
Socket	2 x LGA 6096 Socket SP5		
System Fans	Motherboard: 2 x 60x60x56mm 4 x 60x60x76mm OSFP ports: 4 x 40x40x56mm PCIe slots: 2 x 80x80x56mm GPU tray: 15 x 80x80x80mm		
Dimensions	447 x 351 x 923 (WxHxD, mm)		
Chipset	System on Chip		

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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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