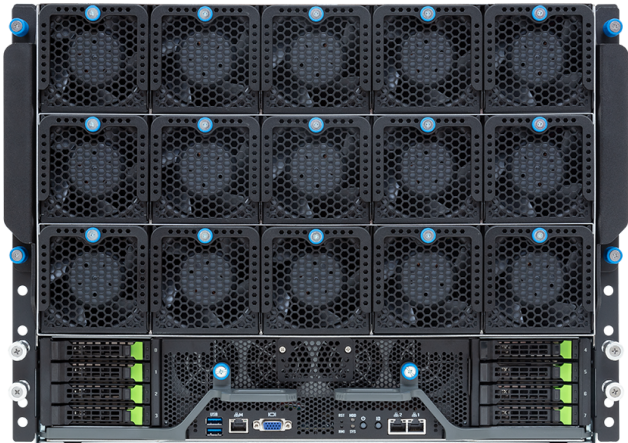


G893-SD1-AAX5

HPC/AI Server - 8U DP NVIDIA HGX™ B200



Key Features

- NVIDIA HGX™ B200
- 1,800GB/s GPU-to-GPU bandwidth with NVIDIA NVLink™ and NVSwitch™
- Dual 5th/4th Gen Intel® Xeon® Scalable Processors
- Dual Intel® Xeon® CPU Max Series
- 8-Channel DDR5 RDIMM, 32 x DIMMs
- Dual ROM Architecture
- 2 x 10Gb/s LAN ports via Intel® X710-AT2
- 2 x M.2 slots with PCIe Gen3 x2 and x1 interface
- 8 x 2.5" Gen5 NVMe/SATA hot-swap bays
- 4 x FHHL dual-slot PCIe Gen5 x16 slots
- 8 x FHHL single-slot PCIe Gen5 x16 slots
- 6+6 3000W 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	NVIDIA HGX™ B200 with 8 x SXM GPUs
Motherboard	MSB3-PE0	PCIe Expansion Slots	4 x FHHL Dual-slot PCIe Gen5 x16 8 x FHHL Single-slot PCIe Gen5 x16
CPU	5th Generation Intel® Xeon® Scalable Processors 4th Generation Intel® Xeon® Scalable Processors Intel® Xeon® CPU Max Series Dual processor, TDP up to 350W	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	Backplane Board	PCIe Gen5 x4 or SATA 6Gb/s
Socket	2 x LGA 4677 (Socket E)	TPM	1 x TPM header (SPI), Optional TPM2.0 kit: CTM012
Chipset	Intel® C741	Power Supply	6+6 3000W 80 PLUS Titanium redundant power supplies AC Input: 115-240V *The system power supply requires C19 power cord.
Memory	8-Channel DDR5 RDIMM, 32 x DIMMs [5th Gen Intel Xeon] Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) [4th Gen Intel Xeon] Up to 4800 MT/s (1DPC), 4400 MT/s (2DPC) [Intel Xeon Max Series] Up to 4800 MT/s (1DPC), 4400 MT/s (2DPC)	System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
LAN	Front: 2 x 10Gb/s LAN (1 x Intel® X710-AT2), Support NCSI 1 x 10/100/1000 Mbps Management LAN Rear: 1 x 10/100/1000 Mbps Management LAN	System Fans	Motherboard: 2 x 60x60x56mm (24,600/24,200rpm) 4 x 60x60x76mm (21,800/20,500rpm) PCIe slots: 4 x 80x80x56mm (15,500/14,900rpm) GPU tray: 15 x 80x80x80mm (16,400/14,800rpm)
Video	Integrated in ASPEED® AST2600 - 1 x VGA port	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)
Storage	Front hot-swap: 8 x 2.5" Gen5 NVMe/SATA Internal M.2: 1 x M.2 (2280/22110), PCIe Gen3 x2 1 x M.2 (2280/22110), PCIe Gen3 x1	Packaging Content	1 x G893-SD1-AAX5 2 x CPU heatsinks 6 x Carriers 1 x L-shape Rail kit
RAID	Intel® SATA RAID 0/1/10/5	Ordering Part Numbers	6NG893SD1DR000ABX5*



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

* All specifications are subject to change without notice. Please visit our website for the latest information.
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