G493-SB3-AAP1

HPC/AI Server - 4U DP 8 x PCIe Gen5 GPUs



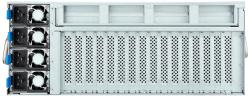












Key Features

- NVIDIA-Certified Systems[™] Data Center Servers
- Supports up to 8 x Dual slot Gen5 GPUs
- 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
- 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 hot-swap bays
- 1 x M.2 slot with PCIe Gen3 x1 interface
- 8 x FHFL PCIe Gen5 x16 slots for GPUs
- 8 x LP PCIe Gen5 x16 slots
- 2 x LP PCIe Gen5 x16 slots on the front side
- 3+1 3000W 80 PLUS Titanium redundant power supplies

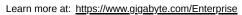
Applications

Al Platform, Al Training Server, Al Inference Server, Visual Computing, High-Performance Computing Server...

Specification			
Dimensions	4U (W448 x H176 x D880 mm)	PCIe Expansion Slots	Rear: 8 x FHFL PCIe Gen5 x16, for GPUs 8 x LP PCIe Gen5 x16 Front: 2 x LP PCIe Gen5 x16
Motherboard	MSB3-G40		
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
OS Compatibility	OS Support List	Backplane Board	PCIe Gen5 x4 or SATA 6Gb/s or SAS-4 24Gb/s
Socket	2 x LGA 4677 (Socket E)	ТРМ	1 x TPM header (SPI), Optional TPM2.0 kit: CTM010
Chipset	Intel® C741	Power Supply	3+1 3000W 80 PLUS Titanium redundant power supplies AC Input: 100-240V
Memory	8-Channel DDR5 RDIMM, 32 x DIMMs [5th Gen Intel Xeon] Up to 5600 MT/s (1DPC), 4400 MT/s (2DPC) [1] [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)		*The system power supply requires C19 power cord.
		System Management	ASPEED® AST2600 Baseboard Management Controller GIGABYTE Management Console web interface
	[1] 5600 MT/s support under 2DPC configuration requires verified memory and BIOS setup.	System Fans	12 x 60x60x38mm ^[1]
LAN	2×10 Gb/s LAN (1 × Intel [®] X710-AT2), Support NCSI 1 × 10/100/1000 Mbps Management LAN		[1] Two fans share a single power connector.
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: 12 x 3.5"/2.5" Gen5 NVMe/SATA/SAS-4 [1] Internal M.2: 1 x M.2 (2280/22110), PCIe Gen3 x1	Packaging Content	1 x G493-SB3-AAP1 2 x CPU fansinks 8 x GPU power cables (16-pin, 150mm) 6 x Carriers 1 x L-shape Rail kit
	[1] SAS card is required to support SAS drives.	Ordering Part Numbers	6NG493SB3DR000ABP1*



RAID



Intel® SATA RAID 0/1/10/5 Onboard VROC key header Support optional RAID add-in cards

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