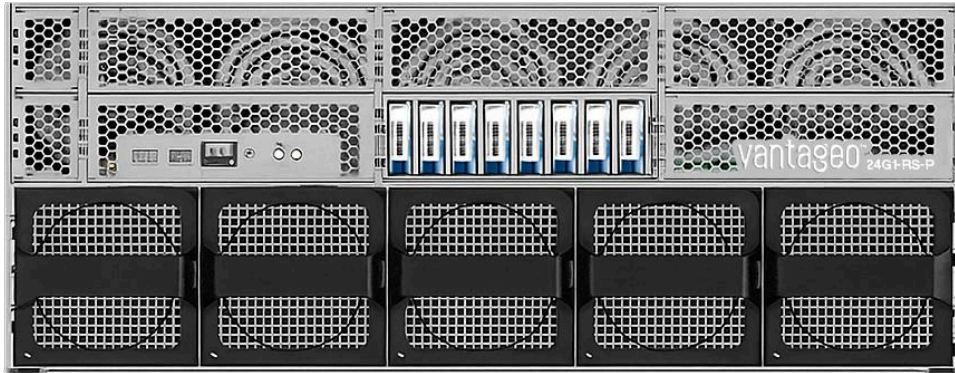


Vantage 24G1-RS-P

High Performance, Scalable, and Secure



Key Features

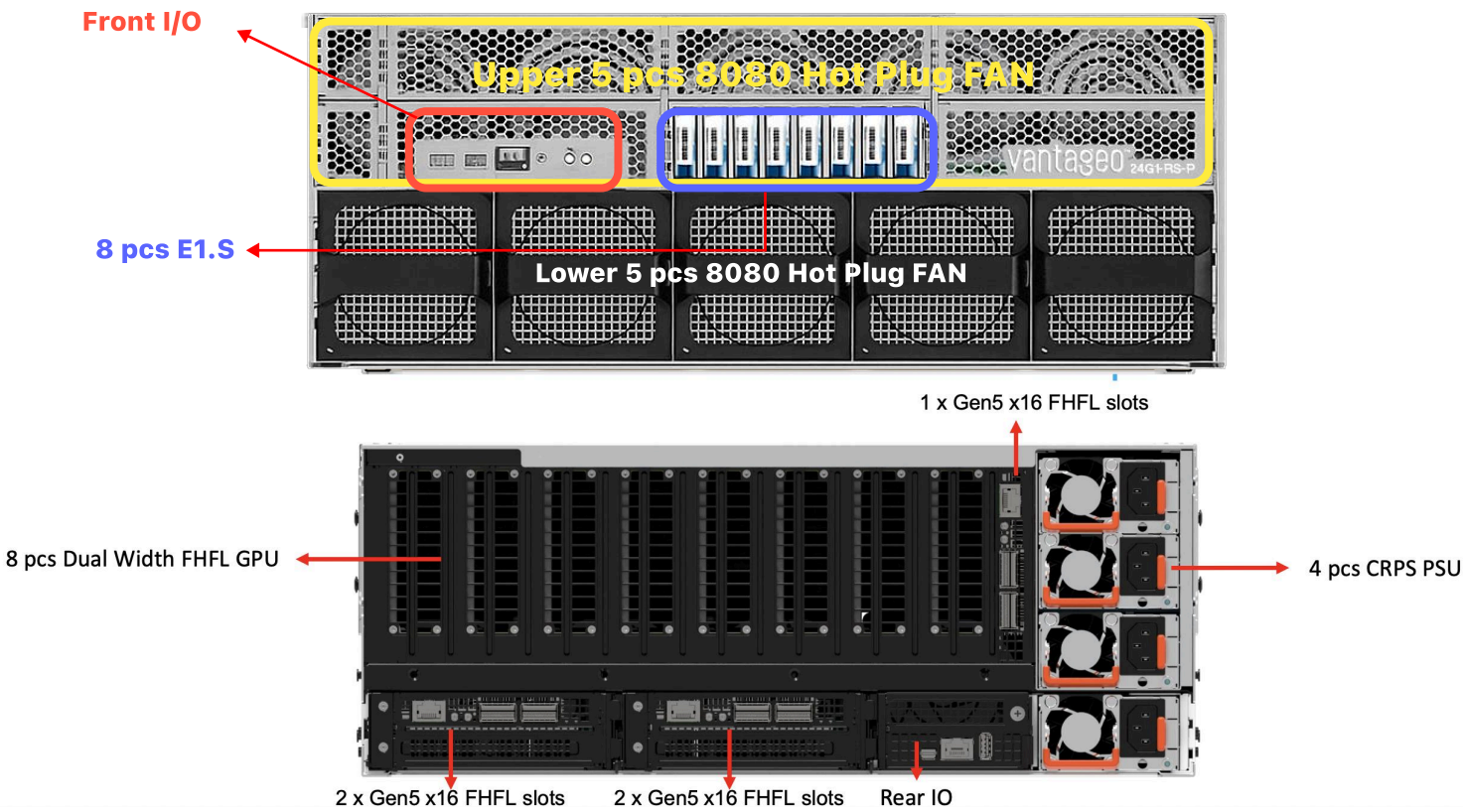
- The MGX™ 4U AI Server, up to 8 x dual-slot GPU (L40S, RTX Pro 6000 or H200 NVL)
- NVIDIA® NVLink® Bridge support
- 2-Socket AMD EPYC™ 9005 Series processors, up to 5GHz
- Up to 5 x PCIe5.0 x16 slot for NICs
- Up to 8 x E1.S SSD

Target Applications:

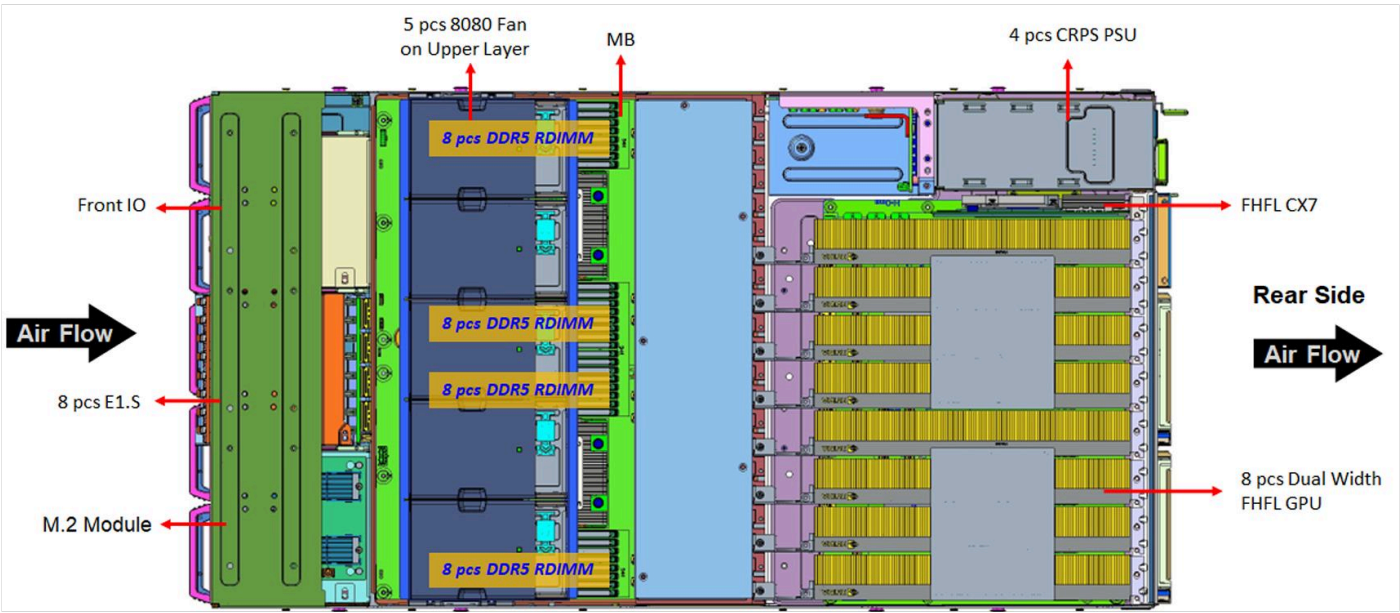
- NVIDIA AI Enterprise
- Generative AI
- AI training
- High Performance Compute

Vantageo 24G1-RS-P

Front/Rear Placement



System Configuration



Technical details Vantageo 24G1-RS-P

Form Factor	4U	
Chassis Dimension (mm)	440 (W) x 176 (H) x 800 (D)	
Mainboard Form Factor	MGX Board	
Mainboard Dimension (mm)	424.5 x 305.59	
Processor	Number of Processors	2
	Processor Type	AMD EPYC™ 9005 Processor
	Max. TDP Support	400W
GPU	Up to 8 DS PCIe GPU up to 600W (NVIDIA H200 NVL, RTX PRO™ 6000, L40S) Up to 16 SS PCIe GPU up to 300W	
Memory	Total Slots	32 x DIMM slots
	Memory Type	DDR5 RDIMM (6400MT/s rated): 1DPC: 5200MT/s (1R/2R) 2DPC: 4400 MT/s (1R) / 4000 MT/s (2R)
	DIMM Capacity (GB per DIMM)	32GB, 64GB, 128GB
Expansion Slots	5x PCIe 5.0 x16 SS FHFL: For NVIDIA BlueField®-3 & ConnectX®-7 card	
Storage Bays	8x E1.S NVMe	
Onboard Storage	2x M.2 2280/22110 NVMe	
Management	DC-SCI BMC Management (Aspeed® AST2600)	
Security	TPM 2.0 PROT (optional)	
Networking Interface	1x IPMI RJ45	
Front I/O Ports	1x IPMI RJ45	
	1x MiniDP	
	1x USB 3.2 Gen 1	
	1x Micro USB COM Port	
	1x Power button LED	
OS Support	Red Hat Enterprise Linux 9.2 or later	
	Ubuntu 22.04 LTS	
Power Supply	3 + 1 pcs 2700W CRPS Titanium solution	
Fans	10 x 8080 Fans	
Operating Properties	Ambient operating temperature range: 5°C to +35 °C	
	Ambient Non-operating temperature: -40°C to +68 °C	
	Operating relative humidity: 10% to 90%, noncondensing	
	Non-operating relative humidity: up to 93%, noncondensing	

Recommended support

24x7 - 4 hours Response, Next Business Day Call to Resolution CTR

24x7 - 4 hours Response, 24 Hours Call to Resolution CTR

24x7 - 4 Hours Response, 6 Hours Call to Resolution CTR

Default support Next Business Day Consulting and deployment offerings are also available. Contact Vantageo representative for the more information.