



Penguin Solutions Altus XE5318GTSv2

8x H200 Hopper rack

OVERVIEW

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Peak Dense	Aggregate Memory	Aggregate Bandwidth	Aggregate Power

CONFIGURATION

Accelerator	H200 SXM 141GB
Count	8
Memory per GPU	141 GB
Bandwidth per GPU	4.8 TB/s

POWER & EFFICIENCY

Aggregate Power	—
TDP per GPU	700 W
Efficiency	—
Aggregate Bandwidth	—

SYSTEM DETAILS

Vendor: Penguin Solutions	Family: Altus	Architecture: Hopper
Form Factor: rack	Release Year: —	Process Node: 4nm

INTERCONNECT

Penguin publishes no interconnect figure; expansion is 8x PCIe Gen5 x16 low profile and 4x PCIe Gen5 x16 FHHL

NOTES

The Penguin Solutions Altus XE5318GTSv2 is a 5U GPU server carrying eight NVIDIA HGX H200 SXM5 modules of 141 GB each, hosted by AMD EPYC 9005/9004 Series processors with 8x PCIe Gen5 x16 low profile and 4x PCIe Gen5 x16 FHHL. Penguin's AMD-hosted Hopper workhorse, air cooled in 5U. Penguin publishes only rack height, host processor, expansion slots and the accelerator for its servers, so no power draw, total memory, interconnect bandwidth or throughput figure is shown here; its full datasheets are hosted off its own domain and were not used as a source.