

Penguin Solutions Relion XE5318GTS

8x H200

Hopper

rack

OVERVIEW

—	—	—	—
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: Relion	Architecture: Hopper
Form Factor: rack	Release Year: —	Process Node: 4nm

INTERCONNECT

Penguin publishes no interconnect figure; expansion is 12x PCIe Gen5 x16 low profile and 1x PCIe Gen4 x16 low profile

NOTES

The Penguin Solutions Relion XE5318GTS is a 5U GPU server carrying eight NVIDIA HGX H200 SXM5 modules of 141 GB each, hosted by 5th and 4th Gen Intel Xeon Scalable processors with 12x PCIe Gen5 x16 low profile and 1x PCIe Gen4 x16 low profile. The Intel-hosted Hopper machine, and the most expansion-heavy server in the range with thirteen slots. 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.