



Penguin Solutions Altus XE4318GTS-DTC

8x B200 Blackwell rack

OVERVIEW

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Peak Dense	Aggregate Memory	Aggregate Bandwidth	Aggregate Power

CONFIGURATION

Accelerator	B200 SXM 180GB
Count	8
Memory per GPU	180 GB
Bandwidth per GPU	7.7 TB/s

POWER & EFFICIENCY

Aggregate Power	—
TDP per GPU	1000 W
Efficiency	—
Aggregate Bandwidth	—

SYSTEM DETAILS

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

INTERCONNECT

Penguin publishes no interconnect figure; expansion is 8x PCIe Gen5 x16 FHHL and 4x PCIe Gen5 x16 FHHL double-width

NOTES

The Penguin Solutions Altus XE4318GTS-DTC is a 4U GPU server carrying eight NVIDIA HGX B200 SXM modules of 180 GB each, hosted by AMD EPYC 9005/9004 Series processors with 8x PCIe Gen5 x16 FHHL and 4x PCIe Gen5 x16 FHHL double-width. The DTC suffix marks Penguin's direct-to-chip liquid cooling, which is what folds an eight-accelerator Blackwell baseboard into 4U where the air-cooled equivalent needs 8U. 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.