

Inventec Artemis Rack

72x B200

Blackwell

rack

OVERVIEW

—	—	—	125.0 kW
Peak Dense	Aggregate Memory	Aggregate Bandwidth	Aggregate Power

CONFIGURATION

Accelerator	B200 SXM 180GB
Count	72
Memory per GPU	180 GB
Bandwidth per GPU	7.7 TB/s

POWER & EFFICIENCY

Aggregate Power	125.0 kW
TDP per GPU	1000 W
Efficiency	—
Aggregate Bandwidth	—

SYSTEM DETAILS

Vendor: Inventec	Family: Artemis	Architecture: Blackwell
Form Factor: rack	Release Year: —	Process Node: 4nm

INTERCONNECT

NVLink across all 72 GPUs over passive copper cable cartridges, with nine 1RU NVLink switch trays; scale-out is ConnectX-7 at 400 Gb/s InfiniBand east-west and a BlueField-3 DPU at 400 Gb/s north-south

NOTES

Inventec's integrated rack build of the NVIDIA GB200 NVL72, and the first of its Artemis family. Eighteen 1RU compute trays carrying four GPUs each, plus nine 1RU NVLink switch trays, fill a 48RU MGX rack, pairing 36 Grace CPUs with 72 Blackwell GPUs. GPU to GPU traffic runs over passive copper NVLink cable cartridges rather than optics, and the rack accepts rack-mounted, row-based or sidecar liquid cooling with an Inventec-designed rack-mounted CDU. Blind-mate manifolds are used throughout for serviceability. Inventec rates the rack at a maximum of 125 kW for the GB200 NVL72 building blocks; note NVIDIA quotes 120 kW for the reference design, and this entry keeps Inventec's figure since Inventec is the one publishing it. No throughput or memory figures are published for the rack; those are on the linked NVIDIA reference entry.