



Inventec P9000AG7 (AC)

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: Inventec	Family: P-Series	Architecture: Blackwell
Form Factor: rack	Release Year: —	Process Node: 4nm

INTERCONNECT

One NVIDIA HGX B200 air-cooled baseboard; eight low-profile PCIe Gen5 x16 slots hang off the switch, with one further full-height slot or an OCP 3.0 SFF from the mainboard

NOTES

Inventec's air-cooled Blackwell node on AMD hosts, a 10U chassis 448 by 441 by 850 mm carrying one NVIDIA HGX B200 baseboard alongside fifth-generation AMD EPYC processors of up to 400 W. Storage is eight U.2 NVMe bays from the PCIe switch plus four more from the CPU and two M.2, and the switch also provides eight low-profile PCIe Gen5 x16 slots. Cooling is air, with fifteen 80 mm fans on the GPU side and five on the CPU side, and power comes from 3,300 W 54 V supplies in 4+2 redundancy for the accelerators with a separate 2,400 W 12 V plane in 1+1 for the host. Inventec publishes no throughput, memory or system power figure for the node; the baseboard's figures are on the linked HGX B200 entry. The GPU count is not stated on the page either, and is taken from NVIDIA's designation of HGX B200 as an eight-GPU baseboard.