

Inventec P9000G7 (AC)

8x B300

Blackwell Ultra

rack

OVERVIEW

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Peak Dense	Aggregate Memory	Aggregate Bandwidth	Aggregate Power

CONFIGURATION

Accelerator	B300 SXM 288GB
Count	8
Memory per GPU	288 GB
Bandwidth per GPU	8.0 TB/s

POWER & EFFICIENCY

Aggregate Power	—
TDP per GPU	1400 W
Efficiency	—
Aggregate Bandwidth	—

SYSTEM DETAILS

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

INTERCONNECT

One NVIDIA HGX B300 air-cooled baseboard, with eight 800Gb OSFP connectors for east-west traffic

NOTES

The Blackwell Ultra generation of Inventec's 10U air-cooled node, in the same 448 by 441 by 850 mm chassis as its B200 sibling but hosted by Intel Xeon 6700 series with E-cores or 6700 and 6500 series with P-cores. It carries one NVIDIA HGX B300 baseboard and eight 800Gb OSFP connectors for east-west networking, one per accelerator. Storage is eight U.2 NVMe bays with four optional more and two M.2. The accelerator power plane moves to 3,300 W supplies in 5+1 redundancy, tighter than the B200 node's 4+2, with a 2,000 W 12 V host plane. Inventec publishes no throughput, memory or system power figure; the linked HGX B300 entry carries NVIDIA's. The GPU count is not stated and is taken from NVIDIA's designation of HGX B300 as an eight-GPU baseboard.