

# Inventec P9000G6 (LC)

8x B200

Blackwell

rack

## OVERVIEW

|            |                  |                     |                 |
|------------|------------------|---------------------|-----------------|
| —          | —                | —                   | —               |
| 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 liquid-cooled baseboard; eight low-profile PCIe Gen5 x16 slots from the switch

## NOTES

The liquid-cooled Blackwell node in Inventec's range, an 8U chassis 448 by 352 by 850 mm carrying one NVIDIA HGX B200 baseboard with fourth or fifth generation Intel Xeon Scalable processors of up to 385 W. Liquid cooling saves two rack units against the air-cooled P9000AG7 and cuts the GPU fan count from fifteen to five. Storage and expansion match the air-cooled machine at eight U.2 NVMe bays from the switch, four more from the CPU, two M.2 and eight low-profile PCIe Gen5 x16 slots. Power is 3,300 W 54 V supplies in 3+3 redundancy with a 2,400 W 12 V host plane. Inventec publishes no throughput, memory or system power figure; the linked HGX B200 entry carries NVIDIA's. The GPU count is not stated and follows from NVIDIA's designation of HGX B200 as an eight-GPU baseboard.