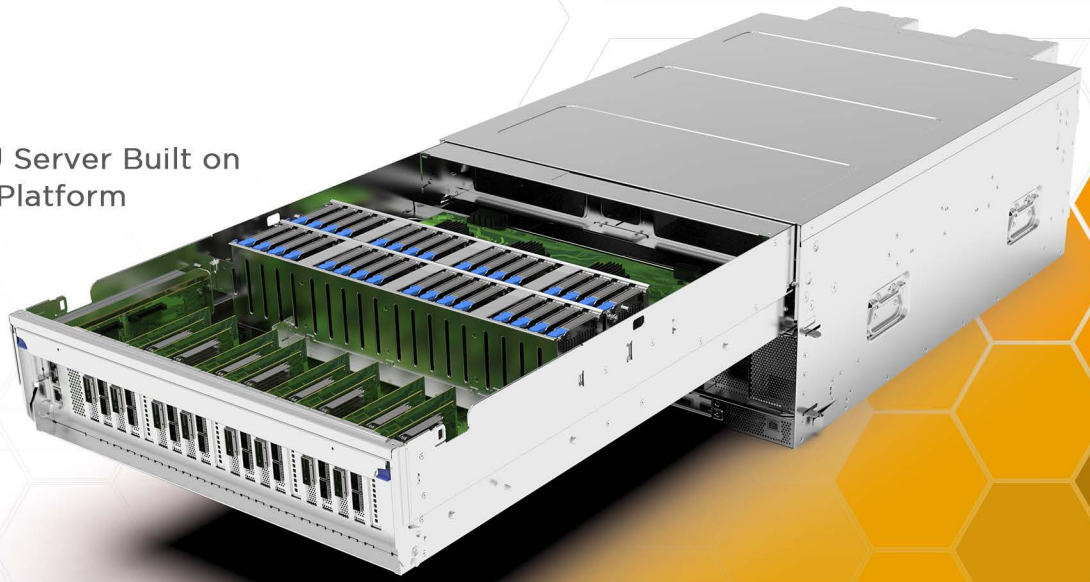


GB6181I

AI-Enhanced 8-GPU Server Built on
Intel® Gaudi® 3 AI Platform



AI-Enhanced Gaudi 3 Solution

Ingrasys Gaudi 3 AI training and inference platform stands as a robust solution for organizations looking to drive generative AI with superior performance and scalability. With its industry-standard networking, the platform can easily fit into Ethernet infrastructure customers already own and enables efficient system scaling to support AI workload at any scale.

Application

- Generative AI
- Large Language Model (LLM)
- AI and Machine Learning
- High Performance Computing

Innovative Disaggregated Approach

The AI server can be paired with a single CPU head node server, creating a unified AI solution. This disaggregated GPU and CPU approach enhances flexibility, enabling you to select the CPU head node server that best suits your needs.
(Ingrasys head node solution: SV2121A/SV2121I)

Rack-Integrated Liquid Cooling Solution

Ingrasys leads the industry with the first Intel® Gaudi® 3 liquid-cooled solution on the market, setting a new standard in efficient, sustainable, and powerful data center solutions. The solution provides high-performance computing capabilities demanded by generative AI and HPC applications, while minimizing energy consumption for a reduced environmental footprint and lower carbon emissions.



8 x Intel® Gaudi® 3
AI Accelerators



32 x U.2 NVMe
Drive Bays



Up to 20 PCIe 5.0
x16 Slots



Liquid Cooling
Solution



6 OU Rackmount

GB6181I

Specifications



North America: +1 408-727-8060



Email: Sales@ingrasys.com



Supported GPU

8 x Intel® Gaudi® 3 AI Accelerators
on a Universal Baseboard



Expansion Slots

16 x PCIe 5.0 x16 HHHL Slots,
4 x PCIe 5.0 x8 HHHL Slots



Storage

32 x Hot-swap U.2 NVMe Drive Bays



Front Panel

1 x Power LED, 1 x UID LED, 1 x Attention LED,
1 x RJ45 for BMC Dedicated Management
2 x RJ45 for 1GbE Ethernet



Form Factor

6 OU Rackmount
(3 OU IOB Sled with 3 OU GPU Sled)



Chassis Dimensions (H x W x D)

11.1" x 21.0" x 34.1" /
283.1mm x 535.0mm x 867.2mm



Management

1 x ASPEED AST2600



Power Supply

Centralized 48V Bus Bar with PDB



Fans

16 x 60*56mm for N+1 Cooling
Redundancy



Cooling Solution

Liquid Cooling Solution



Certification

CE/FCC/RCM/BSMI/UL/
IECEE CB



Operating Temperature

10°C to 35°C (50°F to 95°F)



Non-operating Temperature

-40°C to 60°C (-40°F to 140°F)



Operating Relative Humidity

8% to 85%RH



Non-operating Relative Humidity

5% to 95%RH



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