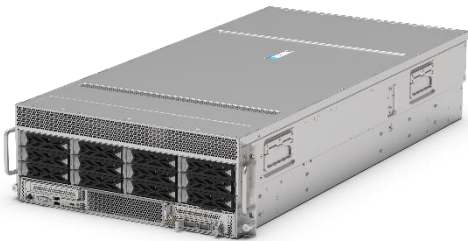


Taihang H8230 AI Server



Position

H8230 is a powerful and flexible GPU cloud server based on Intel® Eagle Stream platform. It supports multi-CPU-GPU and GPU-GPU interconnection topologies and meet application needs in various AI business scenarios.

Application

AI cloud computing, training, inference, and video acceleration, etc.

Feature

Leading Architecture Design

- Based on the 4th Gen Intel® Xeon® Scalable Processor, up to 350W TDP
- Support DDR5 technology +PCIe Gen5 latest technology
- PCIe passthrough configuration with low latency creates ultimate performance
- Front and rear IO maintenance compatible design, suitable for new and old server rooms

Flexible Topology

- CPU-GPU supports passthrough and Switch solutions, up to 10 DW 350W GPU
- CPU-Switch can choose X16 or X32 lane interconnection to achieve high-bandwidth communication
- Support different CPU-GPU interconnection topologies such as common and performance, suitable for more scenarios

Extensive Partner Ecosystem

- Support single and double-wide GPU cards
- Support domestic and foreign brand GPU cards
- Support customized development needs with our dedicated team

Product Specification

Taihang H8230 AI Server

CPU	<ul style="list-style-type: none">• 1/2 x 4th Gen Intel® Xeon® Scalable Processor, TDP 350W
Memory	<ul style="list-style-type: none">• Up to 32x RDIMM & LRDIMMs, 8 channels per CPU
Storage	<ul style="list-style-type: none">• Up to 12x 3.5 SATA/SAS/NVMe drives• Up to 24x 2.5 SATA/SAS/NVMe drives+16x NVMe drives• 1x M.2 SSD
PCIe Extension	<ul style="list-style-type: none">• Rear PCIe Slot: 8x FHFL DW GPU+5x FHHL+1x OCP• Front PCIe Slot: 3x FHHL+1x OCP
Management	<ul style="list-style-type: none">• BMC: AST2600, 1x dedicated RJ45 MGMT port
IO	<ul style="list-style-type: none">• 3x USB, Type-A• 1x PWR BTN with LED• 1x Status LED• 1x UART PORT, Type C• 1x Front UID BTN with LED + 1x Rear UID LED• 1x Front VGA
Thermal	<ul style="list-style-type: none">• 12 x high-performance hot-swappable fans, N+1 Redundancy• Optional Cold Plate Cooling
Temperature	<ul style="list-style-type: none">• 5°C - 35°C
PSU	<ul style="list-style-type: none">• 4x CRPS power supplies, 3+1 Redundancy
Dimension	<ul style="list-style-type: none">• 175mm (H) x 447mm (W) x 900mm (D)