

Taihang H8330 AI Server



Position

H8330 is a powerful and flexible GPU cloud server based on AMD® Genoa/Turin platform. It supports multi-CPU-GPU and GPU-GPU interconnection topologies and meets application needs in various AI business scenarios.

Application

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

Product Feature

Leading Architecture Design

- Based on AMD® Genoa/Turin Processor, with up to 500W TDP
- Support DDR5 technology + PCIe Gen5 latest technology
- PCIe passthrough configuration minimizes latency for ultimate performance
- Front and rear I/O maintenance compatible design, adaptable to legacy and modern server rooms

Flexible Topology

- CPU-GPU supports Passthrough and Switch configurations, with up to 10 DW 500W GPUs
- CPU-Switch supports X16 or X32 lane interconnection for high-bandwidth communication
- Support diverse CPU-GPU topologies (e.g., common and performance modes) for broader application scenarios

Extensive Partner Ecosystem

- Compatible with single and double-wide GPUs
- Support GPUs from domestic and international brands
- Dedicated team for customized development support

Product Specification

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CPU	<ul style="list-style-type: none">• AMD Genoa/Turin Scalable Processor , TDP 500W
Memory	<ul style="list-style-type: none">• Up to 32x DDR5 Memory , 12 channels per CPU
Storage	<ul style="list-style-type: none">• Up to 12x 3.5-inch SATA/SAS/NVMe drives• Up to 24x 2.5-inch 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
BMC	<ul style="list-style-type: none">• 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">• 12x 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+1Redundancy
Dimension	<ul style="list-style-type: none">• 900mm(D) * 447mm(W)*175mm(H)