AIVRES

KR5288

5U Liquid-Cooled AI Server with NVIDIA HGX™ B200 / B300

KR5288 is a 5U high-performance heterogeneous accelerated server, featuring a fully modular design and NVIDIA HGX™ B200 / B300 8-GPU NVLink module. Direct-to-chip liquid-cooling on CPU, GPU and NVSwitch enables a high efficiency, high density AI infrastructure in a space-saving 5U form factor.

- Supports NVIDIA HGX B200 / B300 with Blackwell 8-GPU and NVLink interconnect
- 2x AMD EPYC™ 9005 processors
- High density AI performance, scalable infrastructure
- Modular design for easy deployment and maintenance
- Direct-to-chip liquid cooling on CPU, GPU, and NVSwitch

Enhanced Cooling

- Over 80% server liquid cooling coverage with direct-to-chip cold-plate cooling for CPU, GPU, and NVSwitch

Dual-Input Power

- Enables increased capacity, PSU adjustment by GPU count, uninterrupted power, reliable operation, and flexibility for cost-effective energy management

Ease of Use & Maintenance

- Modular, independent front-pull design for GPU and motherboard compute nodes

Technical Specifications

Model	KR5288-E3
Form Factor	5U rack server
GPU	NVIDIA HGX B200 / B300 8-GPU, TDP up to 1000W
Processor	2x AMD EPYC™ 9005, TDP up to 500W
Memory	24x DDR5 6000MT/s DIMMs
Storage	Up to 12x SATA/SAS/NVMe
PCIe	Up to 12x PCIe 5.0 x16 slots, supports NVIDIA® BlueField®-3 series NIC
Network Options	Optional 1x OCP 3.0, support NC-SI
M.2	2x NVMe/SATA M.2
Cooling	**Liquid cooling**: GPU, NVSwitch, and CPU direct-to-chip cold plate
PSU	5x 54V 3200W Titanium PSU for GPU Module, 4+1 Redundancy 2x 12V 3200W Titanium PSU for CPU Module, 1+1 Redundancy
Dimensions	447mm (W) x 219.3mm (H) x 965mm (D)