



## KR6288

# 6U Extreme AI Server with NVIDIA HGX™ H200 8-GPU



KR6288 is an advanced AI system supporting NVIDIA HGX™ H200 8-GPUs to deliver industry-leading 32 PFlops of AI performance. Its optimized power efficiency, modular design, and flexible configuration makes it ideal for demanding AI tasks in hyperscale data centers, AI model training, and metaverse workloads.

- NVIDIA HGX™ H200 8-GPUs in a 6U chassis
- 2x 4th/5th Gen Intel® Xeon® Scalable or AMD EPYC™ 9004 processors
- Delivers 32 PFlops industry-leading AI performance
- Direct liquid cooling design available with over 80% cold plate coverage

### Empowering Various AI Scenarios

- Transformer Engine delivers supercharged training speed for GPT large language models
- Fully modular design and flexible configurations satisfy both on-premises and cloud deployment

### Leading Architecture Design

- Lightning-fast CPU-to-GPU interconnect bandwidth
- Scalable inter-node networking with up to 4.0 Tbps non-blocking bandwidth
- Optimized cluster-level architecture with 8:8:2 ratio of GPU to compute network to storage network

### Optimized Energy Efficiency

- High efficiency air-cooling heat dissipation
- 54V, 12V separated power supply with N+N redundancy reduces power conversion loss
- Direct liquid cooling design with over 80% cold plate coverage keeps PUE ≤1.15

## Technical Specifications

Model	KR6288-X2-A0-R0-00 Air Cooled KR6288-X2-C0-F0-00 Liquid Cooled	KR6288-E2-A0-R0-00 Air Cooled KR6288-E2-C0-F0-00 Liquid Cooled
Form Factor	6U rack server	
Processor	2x 4th/5th Gen Intel® Xeon® Scalable, 350W TDP	2x AMD EPYC™ 9004 processors, 400W TDP
Memory	32x 5600 MT/s DDR5 DIMM, RDIMM	24x 4800 MT/s DDR5 DIMM, RDIMM
GPU	NVIDIA HGX™ H200 8-GPUs, 700W TDP	
Storage	8x NVMe U.2 16x NVMe/SATA U.2 8x NVMe U.2 + 16x SATA U.2 (RAID)	
PCIe	10x PCIe 5.0 X16 slots One PCIe 5.0 X16 slot can be replaced with two PCIe 5.0 x8 slots Optional support for Bluefield-3, CX7, and various SmartNICs	
Network Interface	1x OCP 3.0, supports NCSI	
Cooling	Air cooling / liquid cooling - cold plate	
Management & Security	DC-SCM module with ASPEED AST2600, TPM 2.0	
Power Supply	12V : 2700W/3200W CRPS 185, 1+1 redundant 54V : 3200W CRPS 185, 3+3 redundant	
Dimensions	482mm (W) x 263mm (H) x 855mm (D)	