

KR2280-X3

Versatile Flagship 2U 2-Socket Server



KR2280-X3 is an all-purpose server with 2 Intel® Xeon® 6 Processors, delivering exceptional compute performance, storage performance and scalability. Its versatile configurations enable a broad range of workloads from general-purpose to heterogeneous computing, storage-intensive to I/O-intensive, with expansion slots to support PCIe GPUs. To optimize data center PUE, it fully supports cold-plated liquid cooling design with leak detection alert mechanisms to enhance system reliability.

- 2x Intel® Xeon® 6 processors
- Versatile front storage configurations of 12x 3.5" or 24x 2.5" drives
- Up to 8x PCIe slots
- Supports 4 double-width PCIe GPUs

Technical Specifications

Model	KR2280-X3
Form Factor	2U rack server
Processor	2x Intel ® Xeon® 6 processors 6500/6700 series, up to 350W TDP
Memory	32x DDR5-6400 MT/s RDIMMs / MCR DIMMs
Storage	12x 3.5" SAS/SATA/NVMe 24x 2.5" SAS/SATA/NVMe 2x SATA/NVMe M.2
PCIe	6x PCIe 5.0 x16 FHFL slots + 2x PCIe 5.0 x16 FHHL slots Supports 4 double-width GPUs (NVIDIA L40S, NVIDIA H100 NVL)
Network Interface	2x OCP 3.0 x16
Ports	Front: 1x VGA, 1x USB 2.0, 1x USB 3.0, 1x USB Type C Rear: 1x VGA, 1x RJ45 for Mgmt, 2x USB 3.0
Cooling Options	Air cooling, liquid cooling
Fans	(6) 6056 hot swap fans (N+1 Redundant)
Management & Security	ASPEED AST2600, 1x TPM 2.0
Power Supply	2x 800W/1300W/1600W/2000W/2700W/3200W redundant Titanium/Platinum
Dimensions	435mm (W) x 87mm (H) x 850mm (D)

KR2280-E3

Multi-Purpose 2-Socket Server with Storage, All-Flash Options



KR2280-E3 is a flagship dual-socket server with AMD EPYC™ 9005 delivering breakthrough performance up to 96 cores per processor, supporting PCIe 5.0, all-flash, and CXL v1.1+. Its versatile configurations fulfill a broad range of requirements, offering options like robust storage, flexible 8 PCIe slot rear config supporting PCIe GPUs, and E3.S all-flash. Its reliable, flexible platform design offers cost-efficient, easy maintenance.

- Up to 2x AMD EPYC™ 9005 processors
- Supports flexible storage configurations including 3.5", 2.5", and E3.S all-flash
- Up to 8x PCIe slots
- Supports 4 double-width PCIe GPUs

Technical Specifications

Model	KR2280-E3
Form Factor	2U rack server
Processor	2 AMD EPYC™ 9005 processors, TDP up to 500 W
Memory	24x DDR5-6400 MT/s RDIMMs / MCRDIMMs
Storage	12x 3.5" SAS/SATA/NVMe 24x 2.5" SAS/SATA/NVMe drive 24x E3.S 2x SATA/NVMe M.2
PCIe	6x PCIe 5.0 x16 FHFL slots + 2x PCIe 5.0 x16 FHHHL slots Supports 4 double-width GPUs (NVIDIA L40S, NVIDIA H100 NVL)
Network Interface	2x OCP 3.0 x16
Ports	Front: 1x VGA, 1x USB 2.0, 1x USB 3.0, 1x USB Type C Rear: 1x VGA, 1x RJ45 for Mgmt, 2x USB 3.0
Cooling Options	Air cooling, liquid cooling
Fans	(6) 6056 hot swap fans (N+1 Redundant)
Management & Security	ASPEED AST2600, 1x TPM 2.0
Power Supply	2x 800W/1300W/1600W/2000W/2700W/3200W redundant Titanium/Platinum
Dimensions	435mm (W) x 87mm (H) x 800mm (D)