AiVRES

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 2.5" / 3.5" or 24x 2.5" drives
- Up to 15x PCIe slots
- Supports 4 double-width PCIe GPUs

Technical Specifications

Model	KR2280-X3-A0-R0-H0	KR2280-X3-A0-R0-00	KR2280-X3-C0-R0-00
	AP Platform – Air Cooled	**Air Cooled**	**Liquid Cooled**
Form Factor	2U rack server		
Processor	2x Intel ® Xeon® 6500/6700 series, TDP 350W	2x Intel ® Xeon® 6 processors 6500/6700 series, up to 350W TDP	
Memory	24x DDR5-5600/6400 DIMM slots, supporting up to 12x MCR DIMMs at 8,800MT/s (GNR)	32x DDR5-6400 MT/s RDIMMs / MCR DIMMs	
Storage	12x 2.5" SAS/SATA/NVMe 2x SATA/NVMe M.2	12x 3.5" SAS/SATA/NVMe 24x 2.5" SAS/SATA/NVMe 2x SATA/NVMe M.2	
PCIe	Up to 8x PCIe 5.0 slots, including 2x slots for hot-swap OCP 3.0 NICs	Up to 15x PCIe 5.0 slots, including 2x slots for hot-swap OCP 3.0 NICs	Up to 11x PCIe 5.0 slots, including 2x slots for hot-swap OCP 3.0 NICs, supports 4 double-width GPUs
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	6x 6056 hot-swap fans with N+1 redundancy		
Management & Security	1x TPM 2.0, ASPEED AST2600		
Power Supply	2x 800W/1300W/1600W/2000W/2700W/3200W redundant Titanium/Platinum		
Dimensions	435mm (W) x 87mm (H) x 850mm (D)		