AiVRES

KR2266V2

High-Density 2U 2-Socket Storage Server for Data-Intensive Workloads

This scalable, high-density storage 2U 2-socket server supports the latest 4th Generation Intel® Xeon® Scalable Processors and is optimized for data-intensive workloads. Its unique three-layer large-form-factor storage tray design supports up to 28 3.5" drives delivering 504TB scale-up storage capacity. It enables fast bandwidth with CXL 1.1, accelerated performance with up to 8 NVMe SSD or 8x E1.S, and flexible expansion with up to 7 PCIe 5.0 and 2 OCP 3.0 slots.

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- 2x 4th Gen Intel® Xeon® Scalable
- Features three-tier storage architecture to deliver balanced computing and storage I/O
- Front storage supports up to 28x 3.5" SAS/SATA
- I/O expansion supports 8x PCIe with 32GT/s PCIe 5.0 transfer rate, 400Gb networking and low latency
- Supports applications like big data, CDN, hyperconvergence, and distributed storage

Technical Specifications

Model	**KR2266-X2-A0-R0-00**
Form Factor	2U rack server
Processor	1-2x 4th generation Intel® Xeon® Scalable processors, up to 48 core, TDP up to 300W
Memory	16x DDR5 DIMM (8ch, 1DPC), 5200MT/s
Storage	**Front:** Up to 24x 3.5" hot-swappable SAS/SATA **Internal:** 2x SATA/PCIe x4 M.2 Up to 8x 2.5" SATA SSD **Rear:** 4x 2.5" hot-swappable SAS/SATA/NVMe or 2x 2.5" hot-swappable SAS/SATA/NVMe or 4x 3.5" hot-swappable SAS/SATA + 2x 2.5" hot-swappable SAS/SATA/NVMe or 8x hot-swappable E1.S (5.9mm/9.5mm) or 8x 2.5" hot-swappable SAS/SATA/NVMe
PCIe	Up to 7x standard PCIe 5.0 slots, incl. 2x OCP 3.0 slot
Fan	6x 6056 dual-rotor fans (6038 single-rotor fans available outside of the US)
PSU	(1+1) 800W/1300W/1600W/2000W
Management	1x TPM 2.0 or TCM
Dimensions	447mm(W) x 87.5mm(H) x 866mm(D)