

K24V3-2S

2U 4-Node 2-Socket High-Density Server Supporting Liquid Cooling



K24V3-2S is a 2U 4-node 2-socket server delivering extreme compute density with Intel® Xeon® 6 or AMD EPYC™ 9005 processors. It features cold-plate liquid cooling design to reduce energy consumption in high performance workloads, and supports integrated air-liquid whole cabinet delivery for agile, rapid deployment.

- 2x latest Intel® Xeon® or AMD EPYC™ processors per node
- Supports air cooling and direct-to-chip CPU + DIMM cold-plate liquid cooling
- 4x or 8x 2.5" SSD (15mm/7mm) storage configurations

Technical Specifications

Model		K24X3-2S		K24E3-2S	
		K24-X3-A0-R0-00	K24-X3-C0-R0-00	K24-E3-A0-R0-00	K24-E3-C0-R0-00
Form Factor		2U 4-Node 2-Socket			
Node	Processor	2x Intel® Xeon® 6 6900 series processors, TDP up to 400W	2x Intel® Xeon® 6 6900 series processors, TDP up to 500W	2x AMD EPYC™ 9005 processors, TDP up to 400W	2x AMD EPYC™ 9005 processors, TDP up to 500W
	Memory	24x DDR5-8800 MT/s MR-DIMMs 24x DDR5-6400 MT/s R-DIMMs		24x DDR5-6400 MT/s R-DIMMs	
	Storage	2x SATA/NVMe M.2			
	PCIe	2x PCIe 5.0 x16 HHHL slots	1x PCIe 5.0 x16 HHHL slot	1x PCIe 5.0 x16 HHHL + 1x PCIe 4.0 x16 HHHL slot	1x PCIe 5.0 x16 HHHL slot
	Network Interface	1x OCP 3.0 PCIe 5.0 x8			
	Rear I/O	1x RJ45 for Mgmt, 1x UID, 1x RST, 1x micro USB for UART, 1x micro USB			
	Management & Security	ASPEED AST2600, 1x TPM 2.0			
Chassis	Storage	4x 2.5”15mm SATA/NVMe 8x 2.5”7mm SATA/NVMe No drive			
	Front I/O	1x VGA + 2x USB2.0 TypeA (Switch to select for 4 Nodes)			
	Cooling	Air	Liquid	Air	Liquid
	Fans	(4) 8086 fans			
	Power Supply	4x 2200/2700/3200W, N+N redundancy, Platinum/Titanium			
	Dimensions	447mm (W) x 87mm (H) x 896mm (D)			