

K24V2-2S

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



K24V2-2S is a 2U 4-node 2-socket server delivering extreme compute density with 4th/5th gen Intel® Xeon® Scalable or AMD EPYC™ 9004 processors. With cold-plate liquid cooling support and energy saving features like EVAC heat sinks, HDD backplanes, and power capping, this highly efficient server lowers resource and energy consumption, deployment costs, and TCO of data centers.

- 2x 4th/5th generation Intel® Xeon® Scalable or AMD EPYC™ 9004 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		K24X2-2S		K24E2-2S	
		K24-X2-A0-R0-00 Air Cooled	K24-X2-C0-R0-00 Liquid Cooled	K24-E2-A0-R0-00 Air Cooled	K24-E2-C0-R0-00 Liquid Cooled
Form Factor		2U 4-Node 2-Socket			
Node	Processor	2x 4th/5th generation Intel® Xeon® Scalable processor, up to 350W TDP	2x 4th/5th generation Intel® Xeon® Scalable processor, up to 450W TDP	2x AMD EPYC™ 9004 processors, TDP up to 400W	2x AMD EPYC™ 9004 processors, TDP up to 500W
	Memory	16x DDR5 DIMMs, 4800MHz @ 1DPC, supports RDIMM		24x DDR5 DIMMs, 4800MHz @ 1DPC, supports RDIMM	
	Storage	2x SATA/NVMe M.2			
	PCIe	1x PCIe 5.0 x16 HHHL + 1x PCIe 4.0 x16 HHHL slot	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 Dual Rotor fans, N+1 rotor redundancy			
Power Supply		4x 2200/2700/3200W, N+N redundancy, Platinum/Titanium			
Dimensions		447mm (W) x 87mm (H) x 921mm (D)		447mm (W) x 87mm (H) x 896mm (D)	

K24V2-1S

2U 4-Node 1-Socket High-Density Server



K24V2-1S is a 2U 4-node 1-socket server delivering extreme compute density supporting 4th/5th gen Intel® Xeon® Scalable and AMD EPYC™ 9004 processors. It provides a compact, scale-out platform suited for edge computing and web applications.

- 1x 4th/5th generation Intel® Xeon® Scalable or AMD EPYC™ 9004 processors per node
- 24x 2.5" SSD (15mm) storage drives

Technical Specifications

		K24X2-1S	K24E2-1S
		K24-X2-A0-R0-01	K24-E2-A0-R0-01
Form Factor		2U 4-Node 1-Socket	
Node	Processor	4th/5th generation Intel® Xeon® Scalable processor, up to 350W TDP	1x AMD EPYC™ 9004 Series processors, up to 400W TDP
	Memory	8x DDR5 DIMMs, 4800MHz @ 1DPC, supports RDIMM	12x DDR5-6400 MT/s R-DIMMs
	Storage	2x SATA/NVMe M.2	
	PCIe	2x PCIe 5.0 x16 HHHL slot	
	Network Interface	1x OCP 3.0 PCIe 5.0 x16	
	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	24x 2.5" 15mm SATA/NVMe No drive	
	Front I/O	1x VGA + 2x USB2.0 TypeA (Switch to select for 4 Nodes)	
	Cooling	Air cooling	
	Fans	(5) 6056 dual rotor fan, N+1 rotor redundancy	(6) 6056 dual rotor fan, N+1 rotor redundancy
	Power Supply	4x 2000/2200, N+N redundancy, Platinum/Titanium	
	Dimensions	447mm (W) x 87mm (H) x 880mm (D)	447mm (W) x 87mm (H) x 855mm (D)