AIVRES

K24V2

2U 4-Node High-Density Server with Liquid Cooling Support

K24V2 with AMD EPYC™ 9004 processors is a 2U 4-node server delivering extreme compute density in one-socket or two-socket configurations. Featuring 4 to 8 AMD EPYC™ 9004 processors and up to 128 cores, this server delivers the highest core count for the highest VM density in a single or dual-socket design in flexible configurations.

AMD

- up to 2x AMD EPYC™ 9004 per node, up to 128 cores, support max TDP with air cooling and liquid cooling
- 1-socket, 2-socket configurations
- Up to 48 or 96 DDR5 DIMM, up to 4800 MT/s for each CPU
- Supports flexible configurations with 2.5" NVMe/SAS/SATA, E1.S drives

Technical Specifications

Node	Model	1-Socket K24-E2-A0-R0-00	2-Socket K24-E2-A0-R0-00	2-Socket – Liquid Cooled K24-E2-C0-R0-00
	Processor	1x AMD EPYC™ 9004 Series processors, up to 400W TDP with air cooling	2x AMD EPYC™ 9004 Series processor, up to 400W TDP with air / liquid cooling	
	Memory	12x DDR5 DIMMs, 4800MHz @ 1DPC, supports RDIMM	24x DDR5 DIMMs, 4800MHz @ 1DPC, supports RDIMM	
	Boot Device	2x 2280/22110 SATA/PCIe x4 M.2		
	Rear I/O	1x RJ45, 1x UID, 1x RST button, 1x micro USB for debug, 1x micro USB		
	PCIe	2x PCIe 5.0 x16 slot	1x PCIe 5.0 x16 slot + 1x PCIe 4.0 x16 slot	1x PCIe 5.0 x16 slot
	Ethernet Card	1x SFF OCP 3.0 Gen5 x16, supports NCSI		
	Management	AST 2600, IPMI/Redfish		
	Security	Supports TPM2.0		
Chassis	Form Factor	Four hot-pluggable nodes in 2U		
	Fan	6x 6056 dual rotor fan, N+1 rotor redundancy	4x or 5x 8086 Dual Rotor Fan, N+1 rotor redundancy	4x 8086 Dual Rotor Fan, N+1 rotor redundancy
	Drive Bays	SKU 1: no drive (no BP) SKU 2: 24x 2.5" NVMe/SAS/SATA SKU 3: 8x E1.S (9.5mm/15mm)	SKU 1: No Drive (No BP) SKU 2: 4x 2.5" (15mm) NVMe/SAS/SATA SKU 3: 8x 2.5" (7mm) NVMe/SAS/SATA	
	PSU	4x 2000/2200W PSUs (Platinum/Titanium), supports N+N redundancy	4x 2000/2700W PSUs (Platinum/Titanium), supports N+N redundancy	
	Dimensions	447mm (W) x 87mm (H) x 880mm (D)	447mm (W) x 87mm (H) x 921mm (D)	