

K22-1S

Highest VM Density in 1-Socket Design



K22-E3 is a 2U 2-node server with AMD EPYC™ 9005 delivering single-socket performance up to 500W per node with air cooling. It supports up to 12x 2.5" SSDs providing power and performance density as well as thermal and energy efficiency. Optimized for maximum energy savings, it utilizes Extended Volume Air Cooling (EVAC) Heat Sink & HDD backplane to lower fan power expenditure, and Power Capping to achieve machine-level efficiency.

- 1x AMD EPYC™ 9005 per node, up to 192 cores
- 12x DDR5 DIMM
- Up to 12x 2.5" SSD

Technical Specifications

	Model	K22E3-1S K22-E3-A0-R0-00
	Form Factor	2U 2-Node 1-Socket
Node	Processor	1x AMD EPYC™ 9005 Series processor, up to 500W
	Memory	12x DDR5-6400 MT/s R-DIMMs
	Storage	2x SATA/NVMe M.2
	OC	1x OCP 3.0 PCIe 5.0 x16
	PCIe	2x PCIe 5.0 x16 HHHL slots
	Rear I/O	1x RJ45 for Mgmt, 1x UID, 1x RST, 1x micro USB for UART, 1x micro USB
	Management	ASPEED AST2600
	Security	1x TPM 2.0
Chassis	Storage	12x 2.5" 15mm SATA/NVMe
	Front I/O	1x VGA + 2x USB2.0 TypeA (Switch to select for 4 Nodes)
	Cooling	Air cooling
	Fan	(6) 6056 Fans
	PSU	4x 2000/2200, N+N redundancy, Platinum/Titanium
	Dimensions	447mm (W) x 87mm (H) x 855mm (D)