



KR1280V2

Flagship High-Density 2-Socket Server with 4 Configurations

KR1280V2 with AMD EPYC™ 9004 is a high-density dual-socket server that delivers high performance and reliability in different application scenarios. With robust ecosystem compatibility and flexible expansion, KR1280V2 can fulfill a variety of complex workloads and is suited for applications such as virtualization, high-performance computing, and virtual desktop.



- Up to 2x AMD EPYC™ 9004
- Supports CXL v1.1+ and all-flash configurations
- Supports flexible configurations including 4 LFF with 4 SFF, 4 LFF with 2 E1.S and 2 M.2, 10 SFF, and 12 SFF drives
- Robust I/O resources with up to 5 standard PCIe slots



Technical Specifications

Model	KR1280-E2-A0-R0-00
Form Factor	1U rack server
Processor	1 or 2 AMD EPYC™ 9004 processors, TDP up to 400 W
Memory	24 DDR5 DIMM (12ch), support RDIMM/3DS DIMM, 4800@1DPC
Storage	Front: 12x 2.5" SAS/SATA/NVMe 4x 3.5" SAS/SATA/NVMe + 2x E1.S + 2x M.2 10x 2.5" SAS/SATA/NVMe 4x 3.5" SAS/SATA/NVMe + 4x 2.5" SAS/SATA/NVMe Internal: 2x SATA M.2 SSD or 2x PCIe M.2 SSD
NIC	2x OCP 3.0 (support x8 or x16)
PCIe	Up to 5x PCIe 5.0 slots (3x standard PCIe slots + 2x OCP 3.0 cards)
Security	1x TPM 2.0 / TCM
IO	Front: 1x VGA, 1x USB 3.0, 1x USB 2.0/LCD, Healthy LED, UID Rear: 1 VGA, 1x RJ45 for Mgmt, 2x USB 3.0, 1x UART, UID
Cooling	Fan: 8x 4056 fan, (N+1) rotor redundant Liquid cooling (KR1280-E2-C0-R0-00)
PSU	550W/800W/1300W/1600W/2000W, Platinum/Titanium, (1+1) Redundant
Management	ASPEED AST2600
Dimensions	438mm (W) x 43 mm (H) x 800/850 mm (D) (17.24 x 1.69 x 31.50/33.46 in)