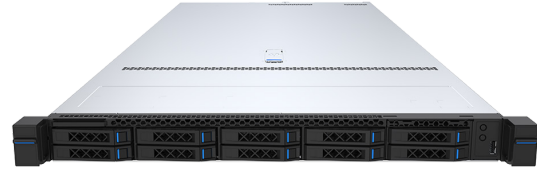




KR1180V2

Flexible 1U with E1.S All-Flash Configuration



The KR1180V2 1U server with one AMD EPYC™ 9004 processor delivers high performance compute and storage. Flexible storage configurations include an all-flash configuration delivering high IOPS and a 16 E1.S configuration providing massive storage in 1U. This system was designed for the demands of Internet, cloud computing, and enterprise markets, and is suited for distributed storage, big data, and virtualization workloads.

- 1x AMD EPYC™ 9004 up to 96 cores
- 3 flexible storage configurations including all-flash config up to 10 hot-swap NVMe SSDs for high IOPS, 16 E1.S config for massive storage
- Up to 5 standard PCIe slots supporting 3 PCIe x16 and 2



Technical Specifications

Model	KR1180-E2-A0-R0-00
Processor	1x AMD EPYC™ 9004 processor, TDP up to 400W
Memory	24 DDR5 DIMM, support RDIMM/3DS DIMM, 12 Channels
Storage	<p>Front: 4x 3.5" SAS/SATA/NVMe + 4x 2.5" SAS/SATA/NVMe 10x 2.5" SAS/SATA/NVMe 16x 9.5mm/15mm E1.S 8x 2.5" SAS/SATA/NVMe + HHHL PCIe</p> <p>Internal: 2x SATA/PCIe M.2 SSD Up to 2x SATA 3.0 M.2 or 2x PCIe 4.0 X4 M.2 (direct attached from CPU)</p>
I/O	<p>Front: 1x VGA, 1x USB 3.0, 1x USB 2.0, Healthy LEDs, UID, Rear: 1x VGA, 1x RJ45 for Mgmt, 2x USB3.0, 1x UART, UID</p>
NIC	2x OCP 3.0 Gen5 (support x8 or x16)
PCIe	3x PCIe x16 Gen5 (1x FHHL + 2x HHHL) or 2x PCIe x16 Gen5 (2x FHHL)
Security	TPM/TCM
Management	ASPEED AST2600
PSU	(1+1) 550W/800W/1300W/1600W/2000W, supports hot-plug
Fan	8x 4056 fans, (N+1) Redundant
Dimensions	1U, 438 mm (W) x 43.05 mm (H) x 800/850 mm (D)