



## KR2280V2

# Multi-Purpose 2-Socket Server with Storage, All-Flash Options



KR2280V2 with AMD EPYC™ 9004 is a flagship dual-socket server delivering breakthrough performance up to 96 cores per processor, supporting PCIe 5.0, all-flash, and CXL v1.1+. Its versatile configurations fulfill a broad range of requirements, offering options like robust storage, flexible 10 PCIe slot rear config, and E3.S all-flash. Its reliable, flexible platform design offers cost-efficient, easy maintenance.

- Up to 2x AMD EPYC™ 9004 supporting up to 96 cores and PCIe 5.0
- Supports CXL v1.1+ and all-flash
- Supports flexible configurations including max 32 hard-drive storage config; max 10 PCIe slot / 4 dual-width GPU + 2 OCP slot rear config; E3.S all-flash config
- Reliable “Common Building Block” platform design offering tool-free disassembly, easy deployment and serviceability



### Technical Specifications

<b>Model</b>	<b>KR2280-E2-A0-R0-00</b>
<b>Form Factor</b>	2U rack server
<b>Processor</b>	1 or 2 AMD EPYC™ 9004 processors, TDP up to 400 W
<b>Memory</b>	24 DDR5 DIMM (12ch), support RDIMM/3DS DIMM, 4800@1DPC
<b>Storage</b>	<p><b>Front:</b>                      12x 3.5" SAS/SATA/NVMe                      24x 2.5" SAS/SATA/NVMe                      25x 2.5" (21x SAS/SATA + 4x NVMe)                      24x E3.S</p> <p><b>Internal:</b>                      2x SATA M.2 SSD or 2x NVMe M.2 SSD                      4x 3.5" SAS/SATA                      Up to 32x SATA drives (directly attached to CPU)</p> <p><b>Rear:</b>                      Up to 4x 3.5" SAS/SATA                      Up to 4x 2.5" SAS/SATA/NVMe</p>
<b>NIC</b>	2x OCP 3.0 x8 or x16
<b>PCIe</b>	Up to 10x PCIe slots (8x PCIe standard slots + 2x OCP 3.0 cards)
<b>Security</b>	1x TPM 2.0 / TCM
<b>Management</b>	ASPEED AST2600
<b>IO</b>	<p><b>Front:</b> 1x VGA, 1x USB 3.0, 1x USB 2.0/LCD, Healthy LED, UID</p> <p><b>Rear:</b> 1x VGA, 1x RJ45 for Mgmt, 2x USB 3.0, 1x UART, UID</p>
<b>Fan</b>	(1+1) redundant; 550W/800W/1300W/1600W/2000W/2700W/3200W Platinum/Titanium CRPS
<b>PSU</b>	437.6mm (W) x 43.05mm (H) x 850mm (D)
<b>Dimensions</b>	435mm (W) x 87 mm (HD) x 800 mm (D)