

KR2190-E3

Flexible 2U 1-Socket Server Featuring Open Compute Modules



KR2190-E3 is a 2U single-socket high-performance general-purpose server with AMD EPYC™ 9005 processors. Incorporating Open Compute Modules (OCMs), the server supports full decoupling along with on-demand replacement and asynchronous upgrade of compute, management, and storage modules. Ideal for container cloud and big data applications, it delivers powerful computing capabilities and all-flash storage support while limiting data explosion to enhance system stability for users.

- 1x AMD EPYC™ 9005 series processor, up to 500W TDP
- Adopting Open Compute Modules (OCMs), features modular design for flexible single-socket / dual single-socket configurations
- Chassis decoupling supports adaptable I/O expansion for computing, storage, and GPU application demands

Technical Specifications

Model	KR2190-E3-A0-R0-00
Form Factor	2U rack server
Processor	1x AMD EPYC™ 9005 series processor, up to 500W TDP
Memory	12x DDR5 RDIMMs (6,400MHz)
Storage	<p>12-drive configuration: Front: 12x 3.5" SAS/SATA/NVMe drives (hot-swap and compatible with 2.5" drives) Internal: 2x SATA/NVMe M.2</p> <p>24-drive configuration: Front: 24x 3.5" SAS/SATA/NVMe drives (hot-swap) Internal: 2x SATA/NVMe M.2</p>
PCIe	<ol style="list-style-type: none"> 1. 6x PCIe 5.0 x16 FH3/4L slots 2. 4x 2.5" SAS/SATA/NVMe drives 3. 1x OCP 3.0 NIC (PCIe 5.0 x16)
Cooling Options	Air cooling
Power Supply	2x 1+1 redundant hot-swap 1,600W/2,000W/2,700W/3,200W Platinum/Titanium PSUs
Operating Temperature	5°C to 35°C