

General Purpose

AMD EPYC™ 9004/9005 Series



Model	SR221-2A		SR121-2A
Form Factor	AMD 2U2P Server		AMD 1U2P Server
			
Processor	Dual AMD EPYC™ 9004/9005 Series Processor Family		Dual AMD EPYC™ 9004/9005 Series Processor Family
TDP	up to 360W		Up to 290W
Memory Type	Up to 4800MT/s, DDR5 RDIMM		Up to 4800MT/s, DDR5 RDIMM
DIMM Slot	24 DIMM Slots, Maximum: 6TB		24 DIMM Slots, Maximum: 6TB
GPU Support	NVIDIA H100 GPU NVIDIA L40S GPU Support depends on configuration.		-
Storage	Front 24 * 2.5" PCIe Gen5 SATA/SAS4/NVMe U.2 24 * 2.5" SATA/SAS 12 * 3.5" PCIe Gen5 SATA/SAS4/NVMe U.2 12 * 3.5" SATA/SAS All drives support Hot-Swap, maximum support depends on configuration.	Rear 2 * 2.5" PCIe Gen5 SATA/SAS4/NVMe U.2 2 * 2.5" SATA/SAS All drives support Hot-Swap, maximum support depends on configuration. Internal 2 * 2280 M.2	Front 12 * 2.5" PCIe Gen5 SATA/SAS4/NVMe U.2 4 * 3.5" PCIe Gen5 SATA/SAS4/NVMe U.2 All drives support Hot-Swap Internal 2 * 2280 M.2
PCIe Slot	General SKU 2 * PCIe Gen5 x16 FHFL slots 2 * PCIe Gen5 x8 FHFL slots 2 * PCIe Gen5 x8 FHHL slots 1 * PCIe Gen5 x8 HHHL slot PCIe slot maximum support depends on configuration. 1 * PCIe Gen5 x16 OCP 3.0 slot 1 * PCIe Gen5 x8 OCP 3.0 slot	GPU SKU 2 * PCIe Gen5 x16 FHFL (Double-width) slots 2 * PCIe Gen5 x16 FHHL slots 1 * PCIe Gen5 x8 HHHL slot PCIe slot maximum support depends on configuration. 1 * PCIe Gen5 x16 OCP 3.0 slot 1 * PCIe Gen5 x8 OCP 3.0 slot	SKU 1 2 * PCIe Gen5 x16 FHHL slots SKU 2 2 * PCIe Gen5 x16 HHHL slots 1 * PCIe Gen5 x8 HHHL slot Other 1 * PCIe Gen5 x16 OCP 3.0 slot 1 * PCIe Gen5 x8 OCP 3.0 slot
BMC	ASPEED AST2600 DC-SCM v1.0		ASPEED AST2600 DC-SCM v1.0
Power Supply	1200W 1+1 Redundant, Platinum CRPS PSU 1300W 1+1 Redundant, Titanium CPRS PSU 1600W 1+1 Redundant, Platinum/Titanium CRPS PSU	2400W 1+1 Redundant, Titanium CRPS PSU	1200W 1+1 Redundant, Platinum CRPS PSU 1300W 1+1 Redundant, Titanium CRPS PSU 1600W 1+1 Redundant, Platinum/Titanium CRPS PSU
Security	TPM 2.0 (optional) NIST SP 800-193 (optional)		TPM 2.0 (optional) NIST SP 800-193 (optional)
IO Ports	Front 1 * VGA port 1 * UID button 1 * Power button 1 * Reset button 1 * USB 2.0 port 1 * USB 3.2 Gen1 port	Rear 1 * UID button 1 * Power button 1 * Mini-DP port 2 * USB 3.2 Gen1 ports 1 * 1GbE management port	Front 1 * UID button 1 * Power / Reset button 1 * USB 2.0 port 1 * USB 3.2 Gen1 port Rear 1 * UID button 1 * Power button 1 * Mini-DP port 2 * USB 3.2 Gen1 ports 1 * 1GbE management port
Dimension	438mm (W) x 770mm (D) x 87mm (H) 17.24 in (W) x 30.31 in (D) x 3.43 in (H)		438.5mm (W) x 770mm (D) x 43mm (H) 17.26 in (W) x 30.31 in (D) x 1.69 in (H)
More Info			

