



Next Generation AmpereOne™ in MegaDC SuperServer

AI Inference, Immersive Media, Content Distribution, Gaming



Model	MegaDC SuperServer ARS-211M-NR
Form Factor	2U Rackmount
Processors	1 x Ampere® AmpereOne™ processor Up to 192 cores, up to 3.0GHz frequency Up to 400W TDP
Memory	8 channels per processor, 2 DIMMs per channel Total: 16 x DDR5-4800 DIMM slots
PCIe Expansion	4 x PCIe 5.0 x16 FHFL DW slots 1 x PCIe 5.0 x16 HHFL slot 1 x PCIe 5.0 x16 AIOM slot
Storage Configuration	Optional A. 4 drives: 4 x 2.5" NVMe (default) B. 8 drives: 4 x 2.5" NVMe hybrid + 4 x 2.5" SATA/SAS C. 16 drives: 4 x 2.5" NVMe hybrid + 12 x 2.5" SATA/SAS D. 24 drives: 24 x 2.5" NVMe Fixed 1 x M.2 NVMe Gen 5.0
OCP NIC	1 x PCIe 5.0 x16 OCP 3.0 slot
Network Interface	1 x RJ45 Dedicated IPMI LAN, 2 x 25Gb SFP28 Ethernet LAN, 2 x USB 3.0, 1 x VGA, 1 x Serial (Micro USB)
Power Supply	Redundant 1600W Titanium Level
Security	TPM 2.0
System Management	OpenBMC
Supported OS	Red Hat, Ubuntu
Firmware Support	UEFI: AMI AptioV & BMC: OpenBMC
BMC	ASPEED Technologies AST2600
Dimensions	17.2" (W) x 3.5" (H) x 25.5" (D) 436.9mm x 88.9m x 647.7mm

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