



**Specifications- Mt. Kim 2U Rackmount ARS-211M-NR- Applications: Immersive Media, Gaming/AI**

<b>Model</b>	MegaDC SuperServer ARS-211M-NR
<b>Form Factor</b>	2U Rackmount
<b>Number of Processors</b>	1x Ampere® AmpereOne™ (Up to 192 Cores & 3.0Ghz) processor Up to 400W TDP
<b>Memory</b>	<ul style="list-style-type: none"> <li>8-channels of DDR5</li> <li>16 DDR5-4800 DIMM slots</li> </ul>
<b>Expansion Slots Configurations</b>	4 PCIe 5.0 x 16 DW GPU slot(s) 1 PCIe 5.0 x 16 LP slot(s) 1 PCIe 5.0 x 16 AIOM slot(s)
<b>Storage Drive Bays NVMe SSDs)</b>	1. 4x 2.5" NVMe + 4x DW GPUs (Default) 2. 16x 2.5" drives, 4x 2.5" NVMe / SAS / SATA +12x 2.5" SAS / SATA + 4x DW GPUs (Optional) 3. 24x 2.5" NVMe (Optional) 1 M.2 NVMe M-key 22110/2280
<b>OCP NIC</b>	OCP 3.0 NIC, up to PCIe Gen5x 16
<b>Network Interface</b>	1 RJ45 Dedicated IPMI LAN port, 2x 25Gb SFP28 Ethernet LAN port, USB 3.0 port(s) (2 Rear_USB), 1VGA, 1 Serial (Micro USB) port
<b>Power Supply</b>	2000W Titanium Level
<b>Security</b>	TPM 2.0
<b>System Management</b>	OpenBMC
<b>Supported Operating Systems</b>	Red Hat, Ubuntu
<b>Firmware Support</b>	UEFI: AMI AptioV & BMC: OpenBMC
<b>BMC</b>	AST2600
<b>Dimensions</b>	2U Form Factor: 17.2" (W) x 3.5" (H) x 25.5" (D)