



**Specifications- Mt. Hamilton 2U Rackmount ARS-210ME-FNR- Applications: Telco Edge, Cloud Service, Open-RAN, Artificial AI on Edge**

<b>Model</b>	MegaDC SuperServer ARS-210ME-FNR
<b>Form Factor</b>	2U Rackmount
<b>Number of Processors</b>	Ampere Altra / AltraMax CPU, Up to 128 Arm v8.2+ 64-bit CPU Cores at 3.00 GHz
<b>Memory</b>	<ul style="list-style-type: none"> <li>• 16 DIMM slots</li> <li>• 3200MHz ECC DDR4 RDIMM; LRDIMM</li> </ul>
<b>Expansion Slots Configurations</b>	<ul style="list-style-type: none"> <li>• 2 PCIe 4.0 x16 FP slot(s)</li> <li>• 2 PCIe 4.0 x8 FP slot(s)</li> <li>• 1 PCIe 4.0 x16 LP slot(s)</li> <li>• 1 PCIe 4.0 x16 AIOM slot(s)</li> </ul>
<b>Storage Drive Bays NVMe SSDs)</b>	6x2.5" hot-swap NVME drive bays (6x2.5" NVMe dedicated) 1 M.2NVMe M-key 22110/2280
<b>OCP NIC</b>	OCP 3.0 NIC, PCIe Gen4x 16
<b>Network Interface</b>	2x 25GbE SFP28 with Mellanox, 1 RJ45 Dedicated IPMI LAN port, 2x 25Gb SFP28 Ethernet LAN Ports, 2 USB 3.0 port(s) (2 Front USB)
<b>Power Supply</b>	1000W 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 17" (D)

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