

# Tyrone Camarero Specifications

# Tyrone

## Camerero: SDI300A2N-224

### Key Feature

2U CloudDC with DC-MHS, 24 hot-swap 2.5" NVMe/SATA/SAS bays, 6 PCIe 5.0 x16/x8 slots and 2 PCIe 5.0 x16 AIOM slots

Networking Appliance, Data Center Optimized, Value IaaS, Cloud Computing, HPC, Data Center Private & Hybrid Cloud, Cloud Solution Provider (CSP)

- Designed for Data Center Modular Hardware Systems (DC-MHS) to simplify CSP deployments and serviceability
- Optimized power & balanced performance for cloud applications
- Server management flexibility with OpenBMC
- Dual Socket E2 (LGA-4710), Intel® Xeon® 6700 series processors with E-cores, Up to 144C/144T; Up to 108MB Cache per CPU  
**Note :** Supports up to 350W TDP CPUs (Air Cooled)
- 32 DIMM slots, Max Memory (1DPC): Up to 2TB 6400MT/s ECC DDR5 RDIMM, Max Memory (2DPC): Up to 4TB 5200MT/s ECC DDR5 RDIMM
- 4 PCIe 5.0 x16 (in x16) FHFL slots, 1 PCIe 5.0 x8 (in x16) FHFL slot  
**Option A :** 2 PCIe 5.0 x16 (in x16) FHFL slots, 1 PCIe 5.0 x8 (in x16) FHFL slot
- Total 24 bays :** 24 front hot-swap 2.5" NVMe\*/SAS\*/SATA\* drive bays  
**M.2 :** 2 M.2 PCIe 5.0 x2 NVMe slots (M-key 22110(default)/2280; VROC required for RAID)
- 4x 8cm heavy duty fans with optimal fan speed control
- 2x 2000W Redundant (1 + 1) Titanium Level (96%) power supplies



Processor/Cache		Front Panel	
<b>Processor</b>	Dual Socket E2 (LGA-4710), Intel® Xeon® 6700 series processors with E-cores, Up to 144C/144T; Up to 108MB Cache per CPU <b>Note :</b> Supports up to 350W TDP CPUs (Air Cooled)	<b>LAN</b>	1 RJ45 1 GbE Dedicated BMC LAN port
<b>Chipset</b>		<b>USB</b>	1 USB 3.0 Type-A port(Rear), 1 USB 2.0 Type-A port(Rear)
<b>Chipset</b>	System on Chip (SoC)	<b>Video</b>	1 VGA port(Rear)
<b>System Memory</b>		<b>TPM</b>	1 TPM header
<b>Memory Capacity</b>	32 DIMM slots, Max Memory (1DPC): Up to 2TB 6400MT/s ECC DDR5 RDIMM, <b>Max Memory (2DPC):</b> Up to 4TB 5200MT/s ECC DDR5 RDIMM	<b>Drive bays</b>	
<b>Expansion Slot</b>		<b>HDD Bays</b>	24 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bays <b>M.2 :</b> 2 M.2 PCIe 5.0 x2 NVMe slots
<b>PCI-Express</b>	4 PCIe 5.0 x16 (in x16) FHFL slots, 1 PCIe 5.0 x8 (in x16) FHFL slot <b>Option A :</b> 2 PCIe 5.0 x16 (in x16) FHFL slots, 1 PCIe 5.0 x8 (in x16) FHFL slot	<b>Power Supply</b>	
<b>Integrated Onboard:</b>		<b>Power Supply</b>	2x 2000W Redundant (1 + 1) Titanium Level (96%) power supplies
<b>NVMe</b>	NVMe; RAID 0/1/5/10 support(VROC HW key required)	<b>Cooling System</b>	
<b>Add-on Options</b>			4x 8cm heavy duty fans with optimal fan speed control
<b>Raid Card</b>	None	<b>Form Factor</b>	
<b>Optical Drive</b>	None	<b>Form Factor</b>	2U Rackmount
		<b>Dimensions</b>	
		<b>Dimensions</b>	Height : 3.47" (88 mm), Width :17.25" (438 mm),Depth : 30.7" (780 mm)
		<b>Email : <a href="mailto:Info@tyronesystems.com">Info@tyronesystems.com</a></b> <b>For more/current product information, Visit <a href="http://www.tyronesystems.com">www.tyronesystems.com</a></b>	