

# Tyrone Camarero Specifications

# Tyrone

## Camarero- SDA300A2G-1010

### Key Feature

- DP AMD 10U System with NVIDIA HGX B200 8-GPU
- High Performance Computing, AI/Deep Learning Training, Industrial Automation, Retail, Healthcare, Conversational AI, Business Intelligence & Analytics, Drug Discovery, Climate and Weather Modeling, Finance & Economics
- Dual AMD EPYC™ 9005/9004 Series Processors
- Support 8 onboard SXM GPU accelerator cards, air cooled
- 24 DIMM slots DDR5, up to 6000MT/s (1DPC only)
- 2 10G NIC (X710), 1 VGA, 2 USB 3.0, and 1 Dedicated IPMI
- 8 PCIe 5.0 x16 LP + 2 PCIe 5.0 x16 FHHL slots
- 8 front hot-swap 2.5" NVMe + 2 hot-swap 2.5" SATA drive bays, 8 E1.S drive bays (optional- requires BF3), 2 Serviceable M.2 slots with RAID
- 19x 8cm heavy duty fans with optimal fan speed control
- 6x 5250W Redundant Titanium (certification pending) Level (96%) power supplies



| Processor/Cache           |  | Drive bays   |  |
|---------------------------|--|--|--|
| <b>Processor</b>          | Dual processor(s), AMD EPYC™ 9005/9004 Series Processors,<br><b>Note :</b> Supports up to 500W TDP CPUs  | <b>Drive bays</b>  | 8 front hot-swap 2.5" PCIe 5.0 x4 NVMe drive bays<br>2 front hot-swap 2.5" SATA drive bays<br><b>Option A:</b> Total 8 bays, 8 front hot-swap E1.S NVMe* drive bays" |
| GPU                       |  | <b>M.2</b>   | 2 M.2 NVMe slots   |
| <b>GPU</b>                | <b>Max GPU Count :</b> Up to 8 onboard GPUs<br><b>Supported GPU :</b> AMD: Instinct MI300X Accelerators<br><b>CPU-GPU Interconnect :</b> PCIe 5.0 x16 CPU-to-GPU Interconnect<br><b>GPU-GPU Interconnect :</b> NVIDIA® NVLink® with NVSwitch | System Cooling   |  |
| System Memory             |  | <b>System Cooling</b>  | 19x 8cm heavy duty fans with optimal fan speed control   |
| <b>Slot Count</b>         | 3 PCI-E 4.0 x16 Low Profile (LP), 3 PCI-E 4.0 x8 Low Profile (LP)<br>2 SATA DOM Connectors<br>4 PCI-E4.0 NVMeEx4 Internal Ports<br>1 M.2 NVME Slot   | Power Supply   |  |
| <b>Max Memory (1DPC):</b> | Up to 9TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor)  | <b>Power Supply</b>  | 6x 5250W Redundant Titanium (certification pending) Level (96%) power supplies   |
| <b>Max Memory (1DPC)</b>  | Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor)  | Form Factor  |  |
| Chipset                   |  | <b>Form Factor</b>   | 10U Rackmount  |
| <b>Chipset</b>            | System on Chip (SoC)   | Dimensions   |  |
| Expansion Slots           |  | <b>Dimensions</b>  | Height :17.2" (438.8 mm), Width :17.6" (447 mm),Depth :33.2" (843 mm)  |
| <b>Expansion Slots:</b>   | 8 PCIe 5.0 x16 LP slots, 2 PCIe 5.0 x16 FHHL slots   | <b>Email : <a href="mailto:Info@tyronesystems.com">Info@tyronesystems.com</a></b><br><b>For more/current product information, Visit <a href="http://www.tyronesystems.com">www.tyronesystems.com</a></b> |  |
| <b>M.2</b>                | 2 M.2 PCIe 3.0 x4 NVMe slots   |  |  |
| Add-on Options            |  |  |  |
| <b>Raid Card</b>          | None   |  |  |
| <b>Optical Drive</b>      | None   |  |  |