

# Tyrone Camarero Specifications

# Tyrone

## Camerero: SDI300A2TB-26

### Key Feature

2U 4-Node BigTwin with 6 hot-swap 2.5" NVMe drives per node

All-Flash NVMe Hyperconverged Infrastructure, Container-as-a-Service; Application Accelerator High-Performance File System, Diskless HPC Clusters

Four hot-pluggable systems (nodes) in a 2U form factor. Each node supports the following:

- Dual Socket E2 (LGA-4710), Intel® Xeon® 6 6700 series processors with E-cores  
Note : Supports up to 205W TDP CPUs (Air Cooled)\*, Supports up to 330W TDP CPUs (Liquid Cooled)
- \*Air Cooled CPUs with TDP over 205W only supported under specific conditions. Contact a Tyrone representative for details."
- Up to 16 DIMMs supporting up to 4TB DDR5-6400 in 1DPC
- Flexible networking with OCP 3.0 AIOM slot
- "Up to 2 PCIe 5.0 x16 LP slots, Internal PCIe 5.0 for 2x NVMe M.2 support onboard
- Optional 4x NVMe M.2 support onboard with built-in HW RAID1 via SCC-A2NM2241GH-B1"
- "Up to 6 front hot-swap 2.5" PCIe 5.0 NVMe drive bays, M.2
- 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 22110(default); VROC required for RAID)"
- "Fans : 4x 16K RPM Counter Rotating 80x80x56mm Fan(s)
- Liquid Cooling : Direct to Chip (D2C) Cold Plate (optional)"
- 2x 3600W Redundant (1 + 1) Titanium Level (96%) power supplies



| Processor/Cache    |  | Drive bays   |   |
|--------------------|--|--|---|
| Processor          | "Dual Socket E2 (LGA-4710), Intel® Xeon® 6 6700 series processors with E-cores<br>Note : Supports up to 205W TDP CPUs (Air Cooled)*, Supports up to 330W TDP CPUs (Liquid Cooled)<br>*Air Cooled CPUs with TDP over 205W only supported under specific conditions. Contact a Tyrone representative for details." | HDD Bays   | 6 front hot-swap 2.5" PCIe 5.0 NVMe drive bays,<br>M.2 : 2 M.2 PCIe 5.0 x4 NVMe slots (M-key 22110(default); VROC required for RAID)" |
| Chipset            |  | Power Supply   |   |
| Chipset            | System on Chip   | Power Supply   | 2x 3600W Redundant (1 + 1) Titanium Level (96%) power supplies  |
| System Memory      |  | Cooling System   |   |
| Memory Capacity    | 16 DIMM slots, Max Memory (1DPC): Up to 4TB 6400MT/s ECC DDR5 RDIMM  | Fans   | 4x 16K RPM Counter Rotating 80x80x56mm Fan(s)   |
| Expansion Slot     |  | Liquid Cooling   | Direct to Chip (D2C) Cold Plate (optional)  |
| PCI-Express        | 2 PCIe 5.0 x16 LP slots, 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)   | Form Factor  |   |
| Integrated Onboard |  | Form Factor  | 2U Rackmount  |
| LAN                | 1 RJ45 1 GbE Dedicated BMC LAN port(s)   | Dimensions   |   |
| USB                | 2 USB 3.0 Gen2 Type-A port(s) (Rear)   | Dimensions   | 3.47" (88 mm), Width : 17.68" (449 mm),<br>Depth : 28.75" (730 mm)  |
| Add-on Options     |  | Email : <a href="mailto:Info@tyronesystems.com">Info@tyronesystems.com</a><br>For more/current product information, Visit <a href="http://www.tyronesystems.com">www.tyronesystems.com</a> |   |
| Raid Card          | None   |  |   |
| Optical Drive      | None   |  |   |