

# Tyrone Camarero Specifications

# Tyrone

## Camerero: SDI300C2R-18

### Key Feature

1U Hyper with 8 hot-swap 2.5" NVMe/SAS/SATA bays and 3 PCIe 5.0 x16 + 1 PCIe 5.0 x16 AIOM slot  
Virtualization, Software-defined Storage, High Performance Computing, Cloud Computing,  
Enterprise Server

- "Dual Socket E2 (LGA-4710), Intel® Xeon® 6 6700 series processors with E-cores, Up to 144C/144T; Up to 108MB Cache per CPU  
Note : Supports up to 330W TDP CPUs (Air Cooled)\*, Supports up to 330W TDP CPUs (Liquid Cooled),
- \*Air Cooled CPUs with TDP over 250W only supported under specific conditions. Contact a Tyrone representative for details."
- "32 DIMM slots supporting up to 4TB of memory, Max Memory (1DPC): Up to 2TB 6400MT/s ECC DDR5 RDIMM,
- Max Memory (2DPC): Up to 4TB 5200MT/s ECC DDR5 RDIMM"
- 1 PCIe 5.0 x16 FHHL slot, 2 PCIe 5.0 x16 FH/10.5"L slots, 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)
- Flexible networking options with 1 AIOM networking slot (OCP NIC 3.0 compatible)
- 8x 2.5" hot-swap NVMe/SATA/SAS drive bays; Optional 4x 2.5" hot-swap NVMe/SAS/SATA drive bays; 2x internal M.2 NVMe drive slots; Optional RAID support via storage add-on card
- "Fans : 8 counter-rotating 40x40x56mm Fan(s)
- Liquid Cooling : Direct to Chip (D2C) Cold Plate (optional)"
- 2x 1200W/1600W/2000W/2600W Redundant (1 + 1) Titanium Level (96%) power supplies



#### Processor/Cache

<b>Processor</b>	Dual Socket E2 (LGA-4710), Intel® Xeon® 6 6700 series processors with E-cores, Up to 144C/144T; Up to 108MB Cache per CPU <b>Note :</b> Supports up to 330W TDP CPUs (Air Cooled)*, Supports up to 330W TDP CPUs (Liquid Cooled), *Air Cooled CPUs with TDP over 250W only supported under specific conditions. Contact a Tyrone representative for details.
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#### Chipset

<b>Chipset</b>	System on Chip
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#### System Memory

<b>Memory Capacity</b>	"32 DIMM slots supporting up to 4TB of memory, Max Memory (1DPC): Up to 2TB 6400MT/s ECC DDR5 RDIMM, Max Memory (2DPC): Up to 4TB 5200MT/s ECC DDR5 RDIMM"
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#### Expansion Slot

<b>PCI-Express</b>	1 PCIe 5.0 x16 FHHL slot, 2 PCIe 5.0 x16 FH/10.5"L slots, 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)
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#### Integrated Onboard

<b>NVMe</b>	NVMe; RAID 0/1/5/10 support(Intel® VROC RAID key required)
<b>LAN</b>	1 RJ45 1 GbE Dedicated BMC LAN port(s)

#### Add-on Options

<b>Raid Card</b>	Optional
<b>Optical Drive</b>	None

#### Drive bays

<b>HDD Bays</b>	Default: Total 8 bays 8 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bays <b>Option A:</b> Total 12 bays 12 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bays
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#### Power Supply

<b>Power Supply</b>	2x 1200W/1600W/2000W/2600W Redundant (1 + 1) Titanium Level (96%) power supplies
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#### Cooling System

<b>Fans</b>	8 counter-rotating 40x40x56mm Fan(s)
<b>Liquid Cooling</b>	Direct to Chip (D2C) Cold Plate (optional)

#### Form Factor

<b>Form Factor</b>	2U Rackmount
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#### Dimensions

<b>Dimensions</b>	1.71" (43.6 mm), Width : 17.3" (438.4 mm), Depth : 29.27" (743.38 mm)
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For more/current product information, Visit  
[www.tyronesystems.com](http://www.tyronesystems.com)