

Tyrone Camarero Specifications

Tyrone

Camerero: SDI300A2N-28

Key Feature

Virtualization, Software-defined Storage, High Performance Computing, Cloud Computing, Enterprise Server

- Dual socket E2, Intel Xeon 6 6700 series processors with E-cores, Up to 144C/144T; Up to 108MB Cache per CPU, Supports up to 330W TDP CPUs (Air Cooled), Supports up to 330W TDP CPUs (Liquid Cooled)
- 32 DIMM slots supporting up to 2TB of memory
- Optional PCIe slot configurations up to 8 PCIe 5.0 x8 or 4 PCIe 5.0 x16 slots with support for double-width GPU/Accelerator cards
- Flexible networking options with up to 2 AIOM networking slots (OCP NIC 3.0 compatible)
- 8x 2.5" hot-swap NVMe/SATA/SAS drive bays with optional configurations for 16x/24x 2.5" hot-swap NVMe/SAS/SATA drive bays; 2x internal M.2 NVMe drive slots; Optional RAID support via storage add-on card
- 4x 8cm heavy duty fans with optimal fan speed control, 2 Air Shroud(s), Direct to Chip (D2C) Cold Plate (optional)
- 2x 1200W Redundant (1 + 1) Titanium Level (96%) power supplies



Processor/Cache		Drive bays	
Processor	Dual socket E2, Intel Xeon 6 6700 series processors with E-cores, Up to 144C/144T; Up to 108MB Cache per CPU, Supports up to 330W TDP CPUs (Air Cooled), Supports up to 330W TDP CPUs (Liquid Cooled)	HDD Bays	8 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bay(s) Option A: Total 16 bay(s), 16 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bay(s) Option B: Total 24 bay(s), 24 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bay(s)
Chipset		Power Supply	
Chipset	System on Chip	Power Supply	2x 1200W/2000W/1600W/2600W Redundant (1 + 1) Titanium Level (96%) power supplies
System Memory		Cooling System	
Memory Capacity	32 DIMM slots, Max Memory (1DPC): Up to 2TB 6400MT/s ECC DDR5 RDIMM, Max Memory (2DPC): Up to 2TB 5200MT/s ECC DDR5 RDIMM	4x 8cm heavy duty fans with optimal fan speed control	
Expansion Slot		Form Factor	
PCI-Express	Option A : 4 PCIe 5.0 x16 FH/10.5" L double-width slot(s), 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible), 1 PCIe 5.0 x8 AIOM slot(s) (OCP 3.0 compatible) Option B : 8 PCIe 5.0 x8 (in x16) FH/10.5" L slot(s), 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible), 1 PCIe 5.0 x8 AIOM slot(s) (OCP 3.0 compatible)	Form Factor	2U Rackmount
Integrated Onboard		Email : Info@tyronesystems.com For more/current product information, Visit www.tyronesystems.com	
USB	2 USB 3.0 port(s) (rear), 2 USB 3.0 port(s) (Header)		
LAN	1 RJ45 1 GbE Dedicated BMC LAN port(s)		
Add-on Options			
Raid Card	Optional		
Optical Drive	None		