Tyrone Camarero Specifications

Tyrone®

Camarero SDI100C3TP-23

Key features

High Performance Computing, Hyper-Converged Infrastructure, Big Data / Big Science,
Oil immersion, Liquid Cooling
Four hot-pluggable systems (nodes) in a 2U form factor. Each node supports the following:

- Dual Socket P+ (LGA 4189), 3rd Gen Intel® Xeon® Scalable processors, Support CPU TDP 185W * ,
  Up to 32C/64T; Up to 48MB Cache
  Note : Please contact Tyrone Technical Support for supporting conditions of high power
  (TDP 150W and above) or high base frequency (3.0 GHz and above) processors.
- Intel® C621A chipset
- 16 DIMM slots, UP to 4TB: 16x 256 GB DRAM, Memory Type: 3200/2933/2666MHz ECC DDR4 RDIMM
- 2 PCI-E 4.0 x16 (LP), 1 PCI-E 4.0 x8 (with M.2 adapter installed for support 2 NVME up to 22x80 mm)
- Intel® X710 Dual port 10GBase-T LAN onboard
- 3x 3.5" hot-swap SATA drive bays
- 4 heavy duty 8cm PWM fans with optimal fan speed control (Per System)
- Two 2200W redundant power supplies with PMBus
- ASPEED AST2600 BMC, 2 USB, VGA. RoT, 2 SATADOM ports, SATA (6Gbps); 3 slots per node;
  RAID 0, 1, 5 support.

intel inside® XEON®

Processor/Cache

Processor	Dual Socket P+ (LGA 4189), 3rd Gen Intel® Xeon® Scalable processors, Support CPU TDP 185W * , Up to 32C/64T; Up to 48MB Cache Note : Please contact Tyrone Technical Support for supporting conditions of high power (TDP 150W and above) or high base frequency (3.0 GHz and above) processors.

Chipset

Chipset	Intel® C621A chipset

System Memory

Memory Capacity	16 DIMM slots, UP to 4TB: 16x 256 GB DRAM, Memory Type: 3200/2933/ 2666MHz ECC DDR4 RDIMM

Expansion Slots

PCI-Express	2 PCI-E 4.0 x16 (LP), 1 PCI-E 4.0 x8 (with M.2 adapter installed for support 2 NVME up to 22x80 mm)

Integrated Onboard

SATA	SATA3 (6Gbps) via Intel C621A; RAID 0, 1, 5 support
Network Connectivity	2x 10GbE BaseT with Intel® X710-AT2

Add-on Options

Raid Card	Optional
Optical Drive	None

Front Panel

LEDs	Network activity LED, Power status LED, System information (overheat/UID) LED
Buttons	Power On/Off button, UID button

Drive Bays

HDD Bays	3x 3.5" hot-swap SATA drive bays

Power Supply

2200W Redundant, Titanium Level Power Supply

Cooling System

4x 8cm heavy duty fans with optimal fan speed control,
4 Air Shroud(s)

Form Factor

Form Factor	2U Rackmount
Dimensions:	Height : 3.47" (88mm), Width : 17.25" (438mm), Depth : 30.5" (774mm)

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For more/current product information, visit
www.tyronesystems.com