Tyrone Camarero Specifications

Tyrone

Camerero: SDI200A3TB-212

Key Feature

2U 2-Node BigTwin with 12 hot-swap 2.5" NVMe/SATA drives per node
High-Performance File System,Diskless HPC Clusters, Scale Out All-Flash
NVMe Storage, Big Data Analytics and AI

- Two hot-pluggable systems (nodes) in a 2U form factor
- Socket E (LGA 4677) support 5th/4th Gen Intel® Xeon® Scalable processors
- Intel® C741
- 16 DIMM Slots supporting up to 4TB of memory; ECC RDIMMs up to DDR5-5600
- Internal PCIe 4.0 x8 for 2 M.2 NVMe support onboard 1 PCIe 5.0 x16 (LP) slot;2 PCIe 5.0 x8 (LP) slot;Optional M.2 (22x80) HW RAID1 NVMe Boot Controller via SCC-A2NM2241G3-B1
- Network connectivity via AIOM (OCP 3.0 compliant)
- 12 hot-Swap 2.5" drive bays (2x PCIe 5.0 NVMe/SATA and 10x PCIe 4.0 NVMe/SATA)
- 4 cooling fans per 2U enclosure, 16.5K RPM; Shared Cooling Design
- 2200W Redundant Power Supplies Titanium Level (96%+); Shared Power Design

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Processor/Cache

Processor	Dual processor(s), Up to 64C/128T; Up to 320MB Cache per CPU **Note :** Supports up to 350W TDP CPUs (Air Cooled), Supports up to 350W TDP CPUs (Liquid Cooled)

Chipset

Chipset	Intel® C741

System Memory

Memory Capacity	16 DIMM slots, Up to 4TB: 16x 256 GB DRAM, Memory Type: 4800MHz ECC DDR5 RDIMM

Expansion Slot

PCI-Express	2 PCIe 5.0 x8 LP slot(s), 1 PCIe 5.0 x16 LP slot(s)

Integrated Onboard

IPMI	Support for Intelligent Platform Management Interface v.2.0, IPMI 2.0 with virtual media over LAN and KVM-over-LAN support
LAN	1 RJ45 Dedicated BMC LAN port

Add-on Options

Raid Card	None
Optical Drive	None

Front Panel

LED	HDD activity LED, Network activity LEDs, Power status LED, Universal Information (UID) LED
Buttons	Power On/Off button , UID button

Drive bays

HDD Bays	Total 12 bays: 2 front hot-swap 2.5" PCIe 5.0 NVMe/SATA drive bays, 10 front hot-swap 2.5" PCIe 4.0 NVMe/SATA drive bays

Power Supply

Power Supply	2x 2200W Redundant (1 + 1) Titanium Level (96%) power supplies

Cooling System

	4x 16.5K RPM Heavy Duty 8cm Fan(s)

Form Factor

Form Factor	2U Rackmount

Dimensions

Dimensions	Height 3.47" (88mm), Width - 17.68" (449mm), Depth - 28.75" (730 mm)

Email : Info@tyronesystems.com
For more/current product information, Visit
www.tyronesystems.com