Tyrone Camarero Specifications

Camarero SDI100A3TB-26

Key features

Hyperconverged Infrastructure, Scale-Out Object Storage, Back-up & Recovery
Two 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 250W,36C/72T Note : Certain CPUs with high TDP may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized system optimization
- Intel® C621A
- 20 DIMM Slots (16 DIMM Slots + 4 Intel® Optane™ Persistent Memory Slots)
- 1 PCI-E 4.0 x16 (LP) slot; 2 PCI-E 4.0 x8 (LP) slot; Tool-less support, Internal PCI-E 3.0 x8 for 2 M.2 NVMe/SATA support onboard, Optional NVMe Boot Controller via AOC-SMG3-2M2-B
- Network connectivity via AIOM (OCP 3.0 compliant)
- 6 Hot-swap 3.5" drive bays; 6 PCI-E 4.0 NVMe/SATA 3.5" drives
- 2 cooling fans per node, 14.9K RPM Liquid Cooling Support
- 2200W Redundant Power Supplies Titanium Level (96%+); Shared Power Design

Processor/Cache

Processor	Dual Socket P+ (LGA 4189), 3rd Gen Intel® Xeon® Scalable processors, Support CPU TDP 250W,36C/72T Note : Certain CPUs with high TDP may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized system optimization

Chipset

Chipset	Intel® C621A

System Memory

Memory Capacity	20 DIMM Slots (16 DIMM Slots + 4 Intel® Optane™ Persistent Memory Slots)

Expansion Slots

PCI-Express	Slot 1: PCI-E 4.0 x8 LP, Slot 2: PCI-E 4.0 x8 LP , Slot 3: PCI-E 4.0 x16 LP, Internal Slot: M.2

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
USB	2 USB 3.0 port(s) (2 rear)

Add-on Options

Raid Card:	None
Optical Drive:	None

Front Panel

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

Drive Bays

HDD Bays	6x 3.5" hot-swap NVMe/SATA drive bays (6x 2.5" NVMe hybrid; 6x 3.5" NVMe hybrid)

Power Supply

2200W Redundant Power Supplies Titanium Level (96%+); Shared Power Design

Cooling System

4x 14.9K RPM Heavy Duty 8cm Fan(s)

Form Factor

Form Factor	2U Rackmount
Dimensions:	Height : 3.47"" (88mm), Width :17.68"" (449mm), Depth : 30.5"" (774mm)