

Tyrone Camarero Specifications



Camarero SDI100A3TB-23

Key features

Hyperconverged Infrastructure, Container Storage, Scale-Out File Server

Four hot-pluggable systems (nodes) in a 2U form factor. Each node supports the following

- Socket P+ (LGA 4189) support 3rd Gen Intel Xeon® Scalable processors
- Intel® C621A
- 20 DIMM Slots (16 DIMM Slots + 4 Intel® Optane™ Persistent Memory Slots)
- 2 PCI-E 4.0 x16 (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)
- 3 Hot-swap 3.5" drive bays; 3 PCI-E 4.0 NVMe/SATA 3.5" drives
- 4 cooling fans per 2U enclosure, 14.9K RPM; Shared Cooling Design
- Liquid Cooling Support
- 2600W Redundant Power Supplies Titanium Level (96%+); Shared Power Design



Processor/Cache		Front Panel	
Processor	Dual Socket P+ (LGA 4189), 3rd Gen Intel® Xeon® Scalable processors, Support CPU TDP 185W, 32C/64T, Certain CPUs with high TDP may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized system optimization	LEDs	HDD activity LED Network activity LEDs Power status LED Universal Information (UID) LED
Chipset	Intel® C621A chipset	Buttons	Power On/Off button, UID button
System Memory		Drive Bays	
Memory Capacity	16 DIMM slots (16 DRAM + 4 PMem), UP to 4TB: 16x 256 GB DRAM, UP to 6TB: 8x 256 GB DRAM and 8x 512 GB PMem, Memory Type: 3200MHz ECC DDR4 RDIMM, Intel® Optane™ persistent memory 200 series	HDD Bays	3x 3.5" hot-swap NVMe/SATA drive bays (3x 2.5" NVMe hybrid; 3x 3.5" NVMe hybrid) M.2 2 M.2 NVMe OR 2 M.2 SATA3
Expansion Slots		Power Supply	
PCI-Express	Slot 1: PCI-E 4.0 x16 LP Slot 2: PCI-E 4.0 x16 LP Internal Slot: M.2	2600W Redundant Power Supplies Titanium Level (96%+); Shared Power Design	
Integrated Onboard		Cooling System	
IPMI	Support for Intelligent Platform Management Interface v.2.0 IPMI 2.0 with virtual media over LAN and KVM-over-LAN support	4 cooling fans per 2U enclosure, 14.9K RPM; Shared Cooling Design Liquid Cooling Support	
Add-on Options		Form Factor	
Raid Card	None	Form Factor	2U Rackmount
Optical Drive	None	Dimensions:	Height : 3.47" (88mm), Width : 17.68" (449mm), Depth : 30.5" (774mm)
<p>Email : info@tyronesystems.com</p> <p>For more/current product information, visit</p> <p>www.tyronesystems.com</p>			