

# Tyrone Camarero Specifications



## Camarero SDI100A2TB-26

### Key features

Mission Critical HPC , Virtualized Big Data Analytics , High-Density Storage RAID Array / All-Flash NVMe Hyperconverged Infrastructure, Container-as-a-Service; Application Accelerator, High-Performance File System, Diskless HPC Clusters  
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 205W ,36C/72T Note : Certain CPUs with high TDP may be supported only under specific conditions. Please contact TyroneTechnical Support for additional information about specialized system optimization
- Intel® C621A
- 20 DIMM Slots (16 DIMM Slots + 4 Intel® Optane™ Persistent Memory Slots),Up to 4TB: 16x 256 GB DRAM Up to 6TB: 8x 256 GB DRAM and 8x 512 GB PMem
- 2 PCI-E 4.0 x16 (LP) slot; 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 2.5" drive bays; 6 PCIe 4.0 NVMe/SAS/SATA 2.5" drives
- 4 cooling fans per 2U enclosure, 16.5K RPM; Shared Cooling Design Liquid Cooling Support
- 2600W 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 205W ,36C/72T Note : Certain CPUs with high TDP may be supported only under specific conditions. Please contact TyroneTechnical 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),Up to 4TB: 16x 256 GB DRAM Up to 6TB: 8x 256 GB DRAM and 8x 512 GB PMem
Expansion Slots	
PCI-Express	Slot 1: PCI-E 4.0 x16 LP, Slot 2: PCI-E 4.0 x16 LP, Internal Slot: M.2
Integrated Onboard	
SATA	Intel® C621 controller for 12 SATA3 (6 Gbps) ports; RAID 0,1,5,10 OR
SAS	SAS3 (12Gbps) via Broadcom® 3908; RAID 0, 1, 5, 6, 10, 50 support
LAN	1 RJ45 Dedicated BMC LAN port
Add-on Options	
Raid Card	Optional
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	6 Hot-swap 2.5" drive bays; 6 PCIe 4.0 NVMe/SAS/SATA 2.5" drives
Power Supply	
2600W Redundant Power Supplies Titanium Level (96%+); Shared Power Design	
Cooling System	
4 cooling fans per 2U enclosure, 16.5K RPM; Shared Cooling Design Liquid Cooling Support	
Form Factor	
Form Factor	2U Rackmount
Dimensions:	Height : 3.47" (88mm), Width : 17.68" (449mm), Depth : 28.75" (730mm)
<p><b>Email : <a href="mailto:info@tyronesystems.com">info@tyronesystems.com</a></b></p> <p><b>For more/current product information, visit</b></p> <p><b><a href="http://www.tyronesystems.com">www.tyronesystems.com</a></b></p>	