Tyrone Camarero Specifications

Camarero SDI100A2U-14

Key features

Virtualization, HPC, Cloud Computing, High End Enterprise Server, Software Defined Storage, Application Tier Service Provider, 5G/Telco

- Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable Processors, Support CPU TDP 270W,Up to 40C/80T; Up to 60MB Cache 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
- 32 DIMM Slots; Up to 8TB DRAM; Up to 8TB Intel[®] Optane[™] Persistent Memory (up to 12TB with DRAM); 33/2666 ECC DDR4 LRDIMM;RDIMM; Intel® Optane™ Persistent Memory 200 series
- 1 Internal PCI-E 4.0 x16 ,1 PCI-E 4.0 x16 (LP), 2 PCI-E 4.0 x16 (FH, 10.5"L)
- Flexible networking options
- 4x3.5" hot-swap hybrid NVMe/SATA/SAS drive bays
- 8 heavy duty fans with optimal fan speed control
- 1200W Redundant Power Supplies with PMBus

Processor/Cache

ProcessorDual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable Processors, Support CPU TDP 270W,Up to 40C/S007; Up to 60MB Cache Note : Certain CPUs with high TDP may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized system optimizationChipsetIntel® C621ASystem Memory32 DIMM Slots; Up to 8TB DRAM; Up to 8TB Intel® Optane™ Persistent Memory (up to 12TB with DRAM); 3200/2933/2666 ECC DDR4 LRDIMM;RDIMM; Intel® Optane™ Persistent Memory CapacityPCI-Express1 Internal PCI-E 4.0 x16 ,1 PCI-E 4.0 x16 (LP), 2 PCI-E 4.0 x16 (FH, 10.5"L)Integrated Object SATASATA3 (6Gbps); RAID 0/1/5/10 support NC 2x 10GbE BaseT and 2x 10GbE SFP+ with Intel® X710-TM4 (optional)Add-on Optical DriveNone	FIUCESSUI/Gacile		
chipsetIntel® C621ASystem Memory32 DIMM Slots; Up to 8TB DRAM; Up to 8TB Intel® Optane™ Persistent Memory (up to 127B with DRAM); 3200/2933/2666 ECC DDR4 LRDIMM; RDIMM; Intel® Optane™ Persistent Memory 200 seriesExpansion Slots:7000000000000000000000000000000000000	Processor	Xeon® Scalable Processors, Support CPU TDP 270W,Up to 40C/80T; Up to 60MB Cache Note : Certain CPUs with high TDP may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized	
System Memory Memory Capacity 32 DIMM Slots; Up to 8TB DRAM; Up to 8TB Intel® Optane™ Persistent Memory (up to 12TB with DRAM); 3200/2933/2666 ECC DDR4 LRDIMM;RDIMM; Intel® Optane™ Persistent Memory 200 series Expansion Slots PCI-Express PCI-Express 1 Internal PCI-E 4.0 x16, 1 PCI-E 4.0 x16 (LP), 2 PCI-E 4.0 x16 (FH, 10.5"L) SATA SATA3 (6Gbps); RAID 0/1/5/10 support Network Connectivity 2x 10GbE BaseT with Intel® X710-AT2 (optional) OR 2x 10GbE BaseT and 2x 10GbE SFP+ with Intel® X710-TM4 (optional) Add-on Optional Optional	Chipset		
Memory Capacity32 DIMM Slots; Up to 8TB DRAM; Up to 8TB Intel® Optane™ Persistent Memory (up to 12TB with DRAM); 3200/2933/2666 ECC DDR4 LRDIMM;RDIMM; Intel® Optane™ Persistent Memory 200 seriesExpansion SlotsInternal PCI-E 4.0 x16, 1 PCI-E 4.0 x16 (LP), 2 PCI-E 4.0 x16 (FH, 10.5 "L)PCI-Express1 Internal PCI-E 4.0 x16 (FH, 10.5 "L)Integrated Orbeard SATASATA3 (6Gbps); RAID 0/1/5/10 support Network Connectivity 2 x 10GbE BaseT with Intel® X710-AT2 (optional) OR 2x 10GbE BaseT and 2x 10GbE SFP+ with intel® X710-TM4 (optional)Add-on OptionalOptional	Chipset	Intel® C621A	
Memory CapacityIntel® Optane™ Persistent Memory (up to 12TB with DRAM); 3200/2933/2666 ECC DDR4 LRDIMM; RDIMM; Intel® Optane™ Persistent Memory 200 seriesExpansion SlotsInternal PCI-E 4.0 x16, 1 PCI-E 4.0 x16 (LP), 2 PCI-E 4.0 x16 (FH, 10.5"L)PCI-Express1 Internal PCI-E 4.0 x16 (FH, 10.5"L)Integrated Object SATASATA3 (6Gbps); RAID 0/1/5/10 supportSATASATA3 (6Gbps); RAID 0/1/5/10 supportNetwork Connectivity2 x 10GbE BaseT with Intel® X710-AT2 (optional) OR 2x 10GbE BaseT and 2x 10GbE SFP+ with 	System Memory		
PCI-Express 1 Internal PCI-E 4.0 x16 ,1 PCI-E 4.0 x16 (LP), 2 PCI-E 4.0 x16 (FH, 10.5"L) Integrated Onboard SATA SATA3 (6Gbps); RAID 0/1/5/10 support Network Connectivity 2x 10GbE BaseT with Intel® X710-AT2 (optional) OR 2x 10GbE BaseT and 2x 10GbE SFP+ with Intel® X710-TM4 (optional) Add-on Optional Optional	Memory Capacity	Intel® Optane™ Persistent Memory (up to 12TB with DRAM); 3200/2933/2666 ECC DDR4 LRDIMM;RDIMM; Intel® Optane™ Persistent	
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OR 2x 10GbE BaseT and 2x 10GbE SFP+ with Intel® X710-TM4 (optional) Add-on Options Raid Card Optional	SATA	SATA3 (6Gbps); RAID 0/1/5/10 support	
Add-on Options Raid Card Optional	Network Connectivity	OR 2x 10GbE BaseT and 2x 10GbE SFP+ with	

Front Panel I FDs

LEDs	HDD activity, LAN1 activity, LAN2 activity, Power status, System information (overheat/UID)
Buttons	Power On/Off , UID button
Drive Bays	
HDD Bays	4x 3.5" hot-swap NVMe/SATA/SAS drive bays

Power Supply

1200W Redundant Power Supplies with PMBus

Cooling System

8 heavy duty fans with optimal fan speed control

Form Factor

Form Factor	1U Rackmount

Dimensions:	Height: 1.7" (43mm),
	Width : 17.2" (437mm)
	Depth : 29.7" (754mm)

Email : info@tyronesystems.com For more/current product information, visit www.tyronesystems.com

(43mm), " (437mm) ,

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