

Tyrone Camarero Specifications



Camarero SDI100A2U-224

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 Chipset
 - 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
 - 1 internal PCI-E 4.0 x8 (in x16 slot, LP), 1 PCI-E 4.0 x16 (FH, 10.5"L), 1 PCI-E 4.0 x16 (LP), 5 PCI-E 4.0 x8 (FH, 10.5"L)
 - Flexible networking options
 - 22x 2.5" hot-swap hybrid NVMe/SATA/SAS drive bays + 2x 2.5" hot-swap SATA/SAS drive bays
 - 4x 8cm heavy duty fans with optimal fan speed control
 - 1600W Redundant Power Supplies with PMBus



Processor/Cache	
Processor	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
Chipset	
Chipset	Intel® C621A Chipset
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	1 internal PCI-E 4.0 x8 (in x16 slot, LP), 1 PCI-E 4.0 x16 (FH, 10.5"L), 1 PCI-E 4.0 x16 (LP), 5 PCI-E 4.0 x8 (FH, 10.5"L)
Integrated Onboard	
SATA	SATA3 (6Gbps) via Intel® PCH 621A; 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 Options	
Raid Card:	Optional
Optical Drive:	None

Front Panel	
LEDs	HDD activity, LAN1 activity, LAN2 activity, Power Fail, Power status, System information (overheat/UID)
Buttons	Power On/Off button, UID button
Drive Bays	
HDD Bays	22x 2.5" hot-swap hybrid NVMe/SATA/SAS drive bays + 2x 2.5" hot-swap SATA/SAS drive bays
Power Supply	
	1600W Redundant Power Supplies with PMBus
Cooling System	
	4x 8cm heavy duty fans with optimal fan speed control
Form Factor	
Form Factor	2U Rackmount
Dimensions:	Width: 17.2" (437 mm), Height: 3.5" (89mm), Depth: 28.2" (717.2mm)
<p>Email : info@tyronesystems.com</p> <p>For more/current product information, visit www.tyronesystems.com</p>	

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