Tyrone Camarero Specifications

Tyrone

Camerero: SDI100A2N-18

Key Feature

1U Hyper with 8 NVMe/SAS/SATA bays
Virtualization, Software-defined Storage, AI Inference and Machine Learning,
Cloud Computing, Enterprise Server

- Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable Processors
- 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
- 3 PCIe 4.0 x16 slots with support for GPU/Accelerator cards
- Flexible networking options with 1 AIOM networking slot (OCP NIC 3.0 compatible)
- 8x 2.5" hot-swap NVMe/SATA/SAS drive bays; Optional 4x 2.5" hot-swap NVMe/SAS/SATA drive bays; 2x internal M.2 NVMe/SATA drive slots; Optional RAID support via storage add-on card
- 8 heavy duty hot-swap fans with optimal fan speed control
- 2x 1200W Redundant Titanium Level Hot-plug power supplies

intel inside™ XEON®

Processor/Cache

Processor	Dual Socket P+ (LGA-4189), 3rd Gen Intel® Xeon® Scalable processors, Supports up to 270W TDP CPUs (Air Cooled)

Chipset

Chipset	Intel® C621A Chipset

System Memory

Memory Capacity	Slot Count: 32 DIMM slots, Max Memory (2DPC): Up to 8TB 3200MT/s ECC DDR4 Supports Intel® Optane™ persistent memory 200 series

Expansion Slot

PCI-Express	1 PCIe 4.0 x16 FHHL slot(s), 2 PCIe 4.0 x16 FH/10.5"L slot(s), 1 PCIe 4.0 x16 AIOM slot(s) (OCP 3.0 compatible)

Integrated Onboard:

SATA	SATA3 (6Gbps); RAID 0/1/5/10 support
Network Connectivity	2 RJ45 1GbE with Intel® I350-AM2 (optional), 4 RJ45 1GbE with Intel® I350-AM4 (optional), 4 SFP 1GbE with Intel® I350-AM4 (optional), 2 RJ45 10GBASE-T with Intel® X550-AT2 (optional), 2 SFP+ 10GbE with Intel® X710-BM2 (optional) 4 SFP+ 10GbE with Intel® XL710-BM1 (optional), 4 SFP+ 10GbE with Intel® X710-TM4 (optional), 2 SFP28 25GbE with Broadcom® BCM57414 (optional), 4 SFP28 25GbE (optional), 2 QSFP28 100GbE with Broadcom® BCM57508 (optional)

Add-on Options

Raid Card	Optional
Optical Drive	None

Front Panel

LED	HDD activity, LAN1 activity, Power status, System information
Buttons	Power On/Off button,UID button

Drive bays

HDD Bays	8 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bay(s) **Option A:** Total 12 bay(s), 12 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bay(s)

Power Supply

Power Supply	2x 1200W Redundant Titanium Level Hot-plug power supplies

Cooling System

8 counter-rotating 40x40x56mm Fan(s)

Form Factor

Form Factor	1U Rackmount

Dimensions

Dimensions	1.7" (43 mm), Width : 17.2" (437 mm), Depth : 29.4" (747 mm)

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For more/current product information, Visit
www.tyronesystems.com