Tyrone Camarero Specifications

Tyrone

Camerero: SSI300A2N-18

Key Feature

1U UP Hyper supporting up to 12 hot-swap 2.5" NVMe/SAS/SATA bays and up to 3 PCIe 5.0 + 1 PCIe 5.0 AIOM slots

Virtualization, FinancialScale Out All-Flash NVMe Storage, Data Center Enterprise Applications, Cloud Computing, AI Inference, CDN/vCDN/Cloud CDN

- Hyper is a flagship performance rackmount server optimized for scale-out cloud workloads.
- Single Intel® Xeon® 6 Processor.
- 16 DIMM slots support RDIMM / MRDIMM(1DPC)
- Double width add-on card support.
- Flexible networking options with 1 AIOM networking slot (OCP NIC 3.0 compatible).
- Breeze through high throughput workloads with PCIe 5.0 NVMe drive support.
- Trusted Platform Module (TPM) 2.0 onboard.
- Modularized and Tool-less design for easy serviceability.
- 8 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bays
- 8 counter-rotating 40x40x56mm Fan(s)
- 2x 1200/13200/1600/2000W Redundant (1 + 1) Titanium Level (96%) power supplies

intel inside™ XEON®

Processor/Cache

Processor	"Single Socket E2 (LGA-4710) Intel® Xeon® 6700/6500 series processors with P-cores or 6700 series processors with E-cores"

Chipset

Chipset	System on Chip

System Memory

Memory Capacity	**Slot Count:** 16 DIMM slots **Max Memory (1DPC):** Up to 2TB 6400MT/s ECC DDR5 RDIMM **Max Memory (1DPC):** Up to 512GB 8000MT/s ECC DDR5 MRDIMM **Max Memory (2DPC):** Up to 4TB 5200MT/s ECC DDR5 RDIMM

Expansion Slot

PCI-Express	1 PCIe 5.0 x16 (in x16) FHHL slot, 1 PCIe 5.0 x16 (in x16) FHFL double-width slot, 1 PCIe 5.0 x16 (in x16) AIOM slot (OCP 3.0 compatible)

Integrated Onboard:

LAN	1 RJ45 1 GbE Dedicated BMC LAN port
Ports	2 USB 3.2 Gen1 ports(Rear), 1 USB 3.2 Gen1 port(Front), 1 VGA port

Add-on Options

Raid Card	None
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 bays

Power Supply

Power Supply	2x 1200/13200/1600/2000W Redundant (1 + 1) Titanium Level (96%) power supplies

Cooling System

8 counter-rotating 40x40x56mm Fan(s)

Form Factor

Form Factor	1U Rackmount

Dimensions

Dimensions	Height : 1.7" (43 mm), Width : 17.2" (437 mm), Depth : 30.66" (778.7 mm)

Email : Info@tyronesystems.com

For more/current product information, Visit

www.tyronesystems.com