

Tyrone Camarero Specifications

Tyrone

Camerero: SSI300H2N-28

Key Feature

2U UP Hyper with 8 hot-swap 2.5" NVMe/SAS/SATA bays and up to 3 PCIe 5.0 + 1 PCIe 5.0 AIOM slots

Virtualization, Software-defined Storage, AI Inference and Machine Learning, Cloud Computing, Enterprise Server, Data Center Optimized, Database Processing and High Density Storage

- Hyper is a flagship performance rackmount server optimized for scale-out cloud workloads
- Single Intel® Xeon® 6 Processor.
- 16 DIMM slots supporting up to 2TB of memory (6700E series CPU).
- 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.
- "Total 8 bays, 8 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bays
- Option A: Total 16 bays, 8 front hot-swap 2.5" PCIe 5.0 x4 NVMe* drive bays, 8 front hot-swap 2.5" SAS*/SATA* drive bays
- Option B: Total 16 bays, 16 front hot-swap 2.5" SAS*/SATA* drive bays
- Option C: Total 24 bays, 24 front hot-swap 2.5" SAS*/SATA* drive bays"
- 6 counter-rotating 60x60x56mm Fan(s)
- 2x 1200W/1300W/1600W /2600W Redundant (1 + 1) Titanium Level (96%) power supplies



Processor/Cache		Front Panel	
Processor	Single Socket E2 (LGA-4710), Intel® Xeon® 6700 series processors with E-cores, Up to 144C/144T; Up to 108MB Cache Note : Supports up to 330W TDP CPUs	LED	HDD activity, LAN1 activity, Power status, System information
Chipset		Buttons	Power On/Off , UID button.
Chipset	System on Chip	Drive bays	
System Memory		HDD Bays	Default: Total 8 bays, 8 front hot-swap 2.5" NVMe*/SAS*/SATA* drive bays Option A: Total 16 bays, 8 front hot-swap 2.5" PCIe 5.0 x4 NVMe* drive bays, 8 front hot-swap 2.5" SAS*/SATA* drive bays Option B: Total 16 bays, 16 front hot-swap 2.5" SAS*/SATA* drive bays Option C: Total 24 bays, 24 front hot-swap 2.5" SAS*/SATA* drive bays
Memory Capacity	16 DIMM slots Max Memory (1DPC): Up to 1TB 6400MT/s ECC DDR5 RDIMM, Max Memory (2DPC): Up to 2TB 5200MT/s ECC DDR5 RDIMM	Power Supply	
Expansion Slot		Power Supply	2x 1200W/1300W/1600W /2600W Redundant (1 + 1) Titanium Level (96%) power supplies
PCI-Express	Option A : 1 PCIe 5.0 x16 FHFL double-width slot, 1 PCIe 5.0 x16 FH/10.5" L double-width slot, 1 PCIe 5.0 x16 AIOM slot Option B : 1 PCIe 5.0 x16 FHFL double-width slot, 2 PCIe 5.0 x8 FH/10.5" L slots, 1 PCIe 5.0 x16 AIOM slot"	Cooling System	
Integrated Onboard:		6 counter-rotating 60x60x56mm Fan(s)	
NVMe	NVMe; RAID 0/1/5/10 support(Intel® VROC RAID key required)	Form Factor	
LAN	1 RJ45 1 GbE Dedicated BMC LAN port	Form Factor	2U Rackmount
Add-on Options		Dimensions	
Raid Card	None	Dimensions	Height : 3.5" (88.9 mm), Width : 17.2" (437 mm), Depth : 31.74" (806.2 mm)
Optical Drive	None	Email : Info@tyronesystems.com For more/current product information, Visit www.tyronesystems.com	