

Tyrone Camarero Specifications



Camerero: SNG10E1-18

Key Feature

NVIDIA GH200 Grace Hopper Superchip system supporting NVIDIA BlueField-3 or NVIDIA ConnectX-7
High Performance Computing, AI/Deep Learning Training and Inference, Large Language Model (LLM) and Generative AI

- This system currently supports two E1.S drives direct to the processor and the onboard GPU only.
- High density 1U GPU system with Integrated NVIDIA® H100 GPU
- NVIDIA Grace Hopper™ Superchip (Grace CPU and H100 GPU)
- NVLink® Chip-2-Chip (C2C) high-bandwidth, low-latency interconnect between CPU and GPU at 900GB/s
- Up to 576GB of coherent memory per node including 480GB LPDDR5X and 96GB of HBM3 for LLM applications
- 2 PCIe 5.0 x16 FHFL slots / 3 PCIe 5.0 x16 FHFL slots2 PCIe 5.0 x16 FHFL slots
- 9 Hot-Swap Heavy Duty Fans with Optimal Fan Speed Control
- This system supports two E1.S drives directly from the processor only.
- 8 front hot-swap E1.S NVMe drive bays / 8 front fixed E1.S NVMe drive bays
- 2x 2000W Redundant Titanium Level (96%) power supplies



Processor/Cache	
Processor	NVIDIA 72-core NVIDIA Grace CPU on GH200 Grace Hopper™ Superchip, Note : Supports up to 1000W TDP CPUs (Air Cooled)
Chipset	
Chipset	System on Chip
System Memory	
Memory Capacity	Slot Count: Onboard Memory, Max Memory: Up to 480GB ECC LPDDR5X Additional GPU Memory: Up to 96GB ECC HBM3
GPU	
Supported GPU	NVIDIA: H100 Tensor Core GPU on GH200 Grace Hopper™ Superchip (Air-cooled)
Expansion Slot	
PCI-Express	2 PCIe 5.0 x16 FHFL slots / 3 PCIe 5.0 x16 FHFL slots2 PCIe 5.0 x16 FHFL slots
Integrated Onboard	
USB	1 USB 3.0 port(Rear)
LAN	1 RJ45 1 GbE Dedicated BMC LAN port
Add-on Options	
Raid Card	Optional
Optical Drive	None

Drive bays	
HDD Bays	8 front hot-swap E1.S NVMe drive bays / 8 front fixed E1.S NVMe drive bays
Power Supply	
Power Supply	2x 2000W Redundant Titanium Level (96%) power supplies
Expansion slots	
Expansion slots	2 PCIe 5.0 x16 FHFL slots / 3 PCIe 5.0 x16 FHFL slots
Cooling System	
9 Removable heavy-duty 4cm Fan(s)	
Form Factor	
Form Factor	1U Rackmount
Dimensions	
Dimensions	Height : 1.7" (43.6 mm), Width : 17.26" (438.4 mm), Depth : 335.4" (900 mm)
Email : Info@tyronesystems.com For more/current product information, Visit www.tyronesystems.com	