

Tyrone Camarero Specifications



Camarero- SNG100E1T-14

Key Feature

- High Performance Computing, AI/Deep Learning Training and Inference, Large Language Model (LLM) and Generative AI
- 1U NVIDIA with 2 Grace-Hopper Super Chips (2 node) with On board Hopper GPU and 72 core Grace CPU per superchip
- Two nodes in a 1U form factor. Each node supports the following:
 - High density 1U 2-node GPU system with Integrated NVIDIA® H100 GPU (1 per Node)
 - 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
 - 2x PCIe 5.0 x16 slots per node supporting NVIDIA BlueField®-3 or ConnectX®-7
 - 7 Hot-Swap Heavy Duty Fans with Optimal Fan Speed Control
 - 4x E1.S hot-swap NVMe drive slots
 - 2x 2700W Redundant Titanium Level power supplies



Processor/Cache		Drive bays	
Processor	High density 1U 2-node GPU system with Integrated NVIDIA® H100 GPU (1 per Node)	Drive Bays	4x E1.S hot-swap NVMe drive slots, 2 M.2 NVMe
System Memory		Power Supply	
Memory Capacity	Slot Count: Onboard Memory, Max Memory: Up to 480GB ECC LPDDR5X, Additional GPU Memory: Up to 96GB ECC HBM3	Power Supply	2x 2700W Redundant Titanium Level power supplies
Chipset		Cooling System	
Chipset	System on Chip	Fans	7 Removable heavy-duty 4CM Fan(s)
Expansion Slot		Form Factor	
PCI-Express	2 PCIe 5.0 x16 FHFL slot(s)	Form Factor	1U Rackmount
Integrated Onboard:		Dimensions	
Network Connectivity	1x 1GbE BaseT	Dimensions	"Dimensions: Height : 1.75"" (44mm), Width : 17.33"" (440mm), Depth : 37"" (940mm)"
LAN	1 RJ45 1GbE (Dedicated IPMI port)	<p style="text-align: center;">Email : Info@tyronesystems.com For more/current product information, Visit www.tyronesystems.com</p>	
Raid Card	Optional		
Optical Drive	None		

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