

# Tyrone Camarero Specifications

## Camarero- SNG100E1-28

### Key Feature

- **High Performance Computing, AI/Deep Learning Training, Large Language Model (LLM) Natural Language Processing, General purpose CPU workloads, including analytics, data science, simulation, HPC, application servers, and more**
- **2U NVIDIA Grace™ CPU Superchip with Support for 4 PCIe based GPUs**
- "High density 2U GPU system with up to 4 NVIDIA® H100 PCIe GPUs, Highest GPU communication using NVIDIA® NVLINK™ PCIe-based NVIDIA H100 NVL with NVLink Bridge Support, PCIe-based NVIDIA L40s"
- Energy-Efficient NVIDIA Grace™ CPU Superchip with 144 Cores
- 480GB or 240GB LPDDR5X onboard memory option for minimum latency and maximum power efficiency
- 7 PCIe 5.0 x16 FHFL Slots
- NVIDIA BlueField-3 Data Processing Unit Support for the most demanding accelerated computing workloads.
- E1.S NVMe Storage Support, 8x E1.S hot-swap NVMe drive slots
- 2000W Redundant Titanium Level power supplies



<b>Processor/Cache</b>		<b>Drive bays</b>	
<b>Processor</b>	"High density 2U GPU system with up to 4 NVIDIA® H100 PCIe GPUs, Highest GPU communication using NVIDIA® NVLINK™ PCIe-based NVIDIA H100 NVL with NVLink Bridge Support, PCIe-based NVIDIA L40s"	<b>Drive Bays</b>	8x E1.S hot-swap NVMe drive slots
<b>System Memory</b>		<b>Power Supply</b>	
<b>Memory Capacity</b>	Slot Count: Onboard Memory, Max Memory: Up to 480GB ECC LPDDR5X	<b>Power Supply</b>	2000W Redundant Titanium Level power supplies
<b>Chipset</b>		<b>Cooling System</b>	
<b>Chipset</b>	NVIDIA C2	<b>Fans</b>	6 heavy duty fans with optimal fan speed control
<b>Expansion Slot</b>		<b>Form Factor</b>	
<b>PCI-Express</b>	7 PCIe 5.0 x16 FHFL slot(s)"	<b>Form Factor</b>	2U Rackmount
<b>Integrated Onboard:</b>		<b>Dimensions</b>	
<b>Network Connectivity</b>	1x 10GbE BaseT	<b>Dimensions</b>	"Dimensions: Height : 3.46"" (88mm), Width: 17.25"" (438.4mm), Depth : 35.43"" (900mm)"
<b>Raid Card</b>	Optional	<p><b>Email : <a href="mailto:Info@tyronesystems.com">Info@tyronesystems.com</a></b></p> <p><b>For more/current product information, Visit</b></p> <p><b><a href="http://www.tyronesystems.com">www.tyronesystems.com</a></b></p>	
<b>Optical Drive</b>	None		

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