Tyrone Camarero Specifications

Camerero: SDI200A2G-1010

Key Feature

DP Intel 10U System with NVIDIA HGX B200 8-GPU

Scientific Research, Conversational AIBusiness Intelligence & Analytics, Drug Discovery, Finance Services and Fraud Detection, AI/Deep Learning Training and InferenceLarge Language Model (LLM) and Generative AI, High Performance Computing (HPC)Autonomous Vehicle Technologies

- Dual Socket E (LGA-4677), 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors
- 8x NVIDIA B200 SXM GPUs, 1.4TB HBM3e GPU Memory Space
- 32x DIMM slots, DDR5 up to 5600MT/s(1DPC), 4800MT/s(2DPC)
- 8x PCIe 5.0 x16 LP, 2x PCIe 5.0 x16 FHHL slots
- 10x Front Hot-swap 2.5" NVMe U.2 , 2x NVMe M.2
- 2x 10GbE RJ-45, 1x Dedicated BMC/IPMI
- 15 heavy duty hot-swappable 80mm Fan(s), 4 heavy duty internal 60mm Fan(s)
- 6x 5250W Redundant (3+3) Power Supplies Titanium Level Efficiency

Processor/Cache

Processor	Dual Socket E (LGA-4677), 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors

Chipset

Chipset	System on Chip

System Memory

Memory Capacity	32 DIMM slots Max Memory (1DPC): Up to 4TB 5600MT/s ECC DDR5 RDIMM, Max **Memory (2DPC):** Up to 8TB 4400MT/s ECC DDR5 RDIMM

Expansion Slot

PCI-Express	8 PCIe 5.0 x16 LP slots, 2 PCIe 5.0 x16 FHHL slots

Integrated Onboard

GPU	8 onboard GPUs
Network Connectivity	2 RJ45 10GbE

Add-on Options

Raid Card	None
Optical Drive	None

Front Panel

LED	HDD activity, Network activity LEDs, System information (overheat/UID) , UID
Buttons	Power On/Off button,UID/ Reset button

Drive bays

HDD Bays	10 front hot-swap 2.5" PCIe 5.0 x4 NVMe* drive bays, 2 M.2 PCIe 3.0 x4 NVMe slots

Power Supply

Power Supply	6x 5250W Redundant (3 + 3) Titanium Level (96%) Hot-plug power supplies

Cooling System

15 heavy duty hot-swappable 80mm Fan(s), 4 heavy duty internal 60mm Fan(s)

Form Factor

Form Factor	10U Rackmount

Dimensions

Dimensions	Height : 17.2" (438.8 mm), Width-17.6" (449 mm), Depth -33.2" (843.28 mm)

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For more/current product information, Visit

www.tyronesystems.com