Tyrone Camarero Specifications

Camerero: SDI300A2G-36

Key Feature

3U Intel DP Edge Data Center System with Up to 10 PCIe 5.0 x16 slots + Up to 14 E1.S NVMe Drives

High Performance Computing, AI/Deep Learning Training, Industrial Automation, Retail, Healthcare, Conversational AI,Business Intelligence & Analytics,Drug Discovery, Climate and Weather Modeling, Finance & Economics, Edge AI Inferencing

- Dual Intel® Xeon® 6900-Series Processors with P-cores up to 500W
- 24 DIMMs supporting up to 6TB 6400MT/s DDR5 RDIMM or 3TB 8800MT/s DDR5 MRDIMM
- Up to 10 PCIe 5.0 x16 FHFL or 20 PCIe 5.0 x8 FHFL slots
- 6/14 hot-swap E1.S NVMe drive bays or 4/6 hot-swap 2.5" NVMe drive bays
- 3x 3200W or 2700W Redundant (2+1) Titanium Level power supplies
- Support up to 8 Double Width GPU or 19 Single Width GPU

Processor/Cache	
Processor	Dual Socket BR (LGA-7529), Intel® Xeon® 6900 series processors with P-cores

Chipset	
Chipset	System on Chip

System Memory	
Memory Capacity	Slot Count: 24 DIMM slots/2 Channels Max Memory (1DPC): 3TB 6400MT/s ECC DDR5 RDIMM, Max Memory (2DPC): 6TB 5200MT/s ECC DDR5 RDIMM

Expansion Slot	
PCI-Express	8 PCIe 5.0 x16 (in x16) FHFL double-width slots **Option A** : 8 PCIe 5.0 x16 (in x16) FHFL double-width slots, 2 PCIe 5.0 x16 (in x16) FHFL slots **Option B** : 20 PCIe 5.0 x8 (in x16) FHFL slots

GPU	
GPU	Up to 8 double-width or 19 single-width GPUs

Integrated Onboard:	
LAN	1 RJ45 1 GbE Dedicated BMC LAN port
Ports	2 USB 3.2 Gen1 Type-A ports, 1 VGA port, 1 TPM header

Add-on Options	
Raid Card	None
Optical Drive	None

Drive bays	
HDD Bays	**Option A:** Total 6 bays, 6 front hot-swap E1.S PCIe 5.0 x4 NVMe* drive bays **Option B:** Total 14 bays, 14 front hot-swap E1.S PCIe 5.0 x4 NVMe* drive bays **Option C**: Total 4 bays, 4 front hot-swap 2.5" PCIe 5.0 x4 NVMe* drive bays **Option D**: Total 6 bays, 6 front hot-swap 2.5" PCIe 5.0 x4 NVMe* drive bays M.2 : 2 M.2 PCIe 5.0 x2 NVMe slots (M-key)

Power Supply	
Power Supply	3x 2700/3200W Redundant (2 + 1) Titanium Level (96%) Hot-plug power supplies

Cooling System	
	5 Front 8cm Fan(s), 6 Internal 6cm Fan(s)

Form Factor	
Form Factor	3U Rackmount

Dimensions	
Dimensions	Height : 5.2" (132.1 mm), Width : 17.26" (438.4 mm), Depth: 31.5" (800 mm)

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For more/current product information, Visit

www.tyronesystems.com