Tyrone Camarero Specifications

Camarero- SDI200C2G-58

Key Feature

High Performance Computing, AI/Deep Learning Training, Supporting up to 4 NVIDIA A100 PCIe 80GB GPUs at Noise Level Under 30dBA.

- Dual Socket E (LGA-4677), 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors
- Intel® C741 Chipset
- 16 DIMM slots Up to 2TB: 16x 128 GB DRAM Memory Type: 4800MHz ECC DDR5
- 4 double width PCIe 5.0X16/CXL Supports up to 4 double width GPUs and 3 single width PCIe 5.0X16/CXL
- 8 front access 2.5" SATA/NVMe U.2 drive bays for easy access
- Super Quiet operation with liquid Cooling system
- 2x 2200W (1+1) Redundant Power Supplies, Titanium Level
- 1 VGA, 7 USB 3.2 Gen1 (3 Rear in Type A, 1 Rear in Type C, 2 Front in Type A, 1 internal in Type A), 7.1 HD Audio
- 2 NVMe M.2 slots
- 1 fan 8CM Fan(s), 2 fan 12CM Fan(s)

Processor/Cache

Processor	Dual Socket E (LGA-4677), 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors, Supports up to 350W TDP CPUs (Liquid Cooled) System Memory. Note : Certain CPU SKUs are conditionally supported, please contact Tyrone Technical Support for additional information about specialized system optimization

System Memory

Memory Capacity	16 DIMM slots, Up to 2TB: 16x 128 GB DRAM, 4800MHz ECC DDR5 DRAM Note: Memory DIMM capacities larger than 16GB are supported under certain conditions, please contact Tyrone Technical Support for additional information about specialized system optimization

Chipset

Chipset	Intel® C741 Chipset

Expansion Slot

PCI-Express	7 PCIe 5.0 x16 FHFL slot(s)

Integrated Onboard:

SATA	SATA3 (6Gbps); RAID 0/1/5/10 support
Network Connectivity	2x 10GbE BaseT with Intel® X550-AT2, 1x 1GbE BaseT with ASPEED AST2600
Raid Card	Optional
Optical Drive	None

Front Panel

LED	HDD activity LED, Information LED, Network 1 activity LED, Network 2 activity LED, Power status LED
Buttons	Power On/Off button,System Reset button

Drive bays

Drive Bays	8x 2.5" hot-swap NVMe/SATA drive bays (8x 2.5" NVMe hybrid), 2 M.2 NVMe

Power Supply

Power Supply	2200W Redundant Power Supplies, Titanium Level

Cooling System

Fans	1 fan 8CM Fan(s), 2 fan 12CM Fan(s)
Liquid Cooling	Direct to Chip (D2C) Cold Plate (optional)

Form Factor

Form Factor	5U Rackmount/Tower

Dimensions

Dimensions	(W x H x L) - 106.5 x 82.1 x 203.5 mm

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For more/current product information, Visit

www.tyronesystems.com