Tyrone Camarero Specifications

Camarero DSA7TOAN-46R

Key features

High Performance Computing, AI/Deep Learning Training
4U Dual Processor (3rd Gen Intel® Xeon®) GPU System with NVIDIA HGX A100 8-GPU 40GB/80GB, NVLink, NVSwitch.

- Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable Processors
- Intel® C621A Chipset
- 32 DIMM Slots;Up to 8TB DRAM; Up to 8TB Intel® Optane™ Persistent Memory (up to 12TB with DRAM); 3200/2933/2666 ECC DDR4 LRDIMM;RDIMM; Intel® Optane™ Persistent Memory 200 series
- 10 PCI-E Gen 4.0 X16 LP Slots, AIOM/OCP 3.0 Support
- Flexible networking options
- 2 M.2 NVMe and SATA, 6x 2.5" Hot-swap NVMe/SATA/SAS drive bays
- 4 heavy duty fans with optimal fan speed control
- 4x 2200W redundant Titanium level power supplies / 4x 3000W redundant Titanium level power supplies

Processor/Cache

Processor	Dual Socket P+ (LGA-4189) 3rd Gen Intel® Xeon® Scalable Processors

Chipset

Chipset	Intel® C621A Chipset

System Memory

Memory Capacity	32 DIMM Slots;Up to 8TB DRAM; Up to 8TB Intel® Optane™ Persistent Memory (up to 12TB with DRAM); 3200/2933/2666 ECC DDR4 LRDIMM; RDIMM; Intel® Optane™ Persistent Memory 200 series

Expansion Slots

PCI-Express	10 PCI-E Gen 4.0 X16 LP Slots, AIOM/OCP 3.0 Support

Integrated Onboard

SATA	SATA3 (6Gbps); RAID 0/1/5/10 support
Network Connectivity	2x 10GbE BaseT with Intel® X550-AT2 (optional)

Add-on Options

Raid Card	Optional
Optical Drive	None

Drive Bays

HDD Bays	6x 2.5" hot-swap NVMe/SATA/SAS drive bays (6x 2.5" NVMe hybrid; 4x 2.5" NVMe dedicated), 2 M.2 NVMe OR 2 M.2 SATA3

Power Supply

4x 2200W redundant Titanium level power supplies /
4x 3000W redundant Titanium level power supplies

Cooling System

4 heavy duty fans with optimal fan speed control

Form Factor

Form Factor	4U Rackmount
Dimensions	Height : 6.9"" (174mm), Width : 17.6"" (446mm), Depth : 35.4"" (900mm)

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For more/current product information, visit
www.tyronesystems.com