

# Tyrone Camarero Specifications



## Camarero DSA7TGVQ-24RT

### Key features

- AI Compute / Model Training / Deep Learning, High-performance Computing (HPC) 2U Dual Processor (AMD) GPU System with NVIDIA HGX A100 4-GPU 40GB/80GB, NVLink
- Dual AMD EPYC™ 7003/7002 Series Processors, (7003 Series Processor drop-in support requires BIOS version 2.0 or newer), Socket SP3, Supports CPU TDP up to 280W, Up to 128 Cores (64 per CPU)  
Note :Certain CPUs with high TDP may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized system optimization GPU Supports HGX A100 4-GPU 40GB (HBM2) or 80GB(HBM2e) with NVLink GPU interconnect and PCI-E Gen4 host CPUs
- System on Chip (SoC)
- 32 DIMM slots, Up to 8TB 3DS ECC DDR4-3200MH SDRAM, 3200MHz ECC DDR4 SDRAM
- On board BMC supports integrated, IPMI 2.0 + KVM with dedicated 10G LAN
- 4 PCI-E Gen 4 x16 (LP) slots, 1 PCI-E Gen 4 x8 (LP) slot
- 4 Hot-swap 2.5" drive bays (SATA/NVMe Hybrid or SAS with optional HBA)
- 4 Hot-swap heavy duty fans
- 2x 2200W / 3000W Redundant Power supply



### Processor/Cache

**Processor** Dual AMD EPYC™ 7003/7002 Series Processors, (7003 Series Processor drop-in support requires BIOS version 2.0 or newer), Socket SP3, Supports CPU TDP up to 280W, Up to 128 Cores (64 per CPU)  
Note :Certain CPUs with high TDP may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized system optimization GPU Supports HGX A100 4-GPU 40GB (HBM2) or 80GB(HBM2e) with NVLink GPU interconnect and PCI-E Gen4 host CPUs

### Chipset

**Chipset** System on Chip (SoC)

### System Memory

**Memory Capacity** 32 DIMM slots, Up to 8TB 3DS ECC DDR4-3200MH SDRAM, 3200MHz ECC DDR4 SDRAM

### Expansion Slots

**PCI-Express** 4 PCI-E Gen 4 x16 (LP) slots, 1 PCI-E Gen 4 x8 (LP) slot

### Integrated On-Board

**SATA** 4 SATA3 (6Gbps) ports  
**LAN** 2 RJ45 10GbE-aggregate host LAN ports, 1 RJ45 1GbE Dedicated IPMI management port

### Add-on Options

**Raid Card** Optional  
**Optical Drive** None

### Drive Bays

**HDD Bays** 4 Hot-swap 2.5" drive bays (SATA/NVMe Hybrid or SAS with optional HBA)

### Power Supply

2x 2200W / 3000W Redundant Power supply

### Cooling System

4 Hot-swap heavy duty fans

### Form Factor

**Form Factor** 2U Rackmount  
**Height :** 3.5" (89mm),  
**Width :** 17.2" (437mm),  
**Depth :** 32.7"(830.3mm)

**Email : [info@tyronesystems.com](mailto:info@tyronesystems.com)**

**For more/current product information, visit [www.tyronesystems.com](http://www.tyronesystems.com)**