# Tyrone Camarero Specifications



## Camarero DSA7TGX-424R

### Key features

**4U Dual Processor(AMD),Dual -Root GPU system with 8 PCI-E GPUs.AI/Deep Learning-High Performance Computing (HPC)-Cloud Gaming-Molecular Dynamics Simulation.Supports up to 8 double-width GPUs, Direct connect for maximum performance.**

- 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 :Supports 2 CPUs only – single socket not supported, Certain CPUs with high TDP may be supported only under specific conditions. Please contact TyroneTechnical Support for additional information about specialized system optimization, 4U Dual Processor (AMD), Dual-Root GPU system with 8 PCI-E GPUs.
- System on Chip (SoC)
- 32 DIMM slots, Up to 8TB 3DS ECC DDR4-3200MH RDIMM/LRDIMM, Memory Type , 3200MHz ECC DDR4 RDIMM/LRDIMM
- 10 PCI-E 4.0 x16 (FH, FL) slots, 1 PCI-E 4.0 x8 (FH, FL) slot
- Up to 24x 2.5" SAS/SATA drive bays, 4x 2.5" SATA supported natively, 4x 2.5" NVMe supported natively
- 2 GbE LAN ports (rear)
- 8 Hot-swap 11.5K RPM cooling fans
- 2000W (2+2) Redundant Power Supplies Titanium Level
  (full redundancy based on configuration and application load)"

## 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 :Supports 2 CPUs only – single socket not supported, Certain CPUs with high TDP may be supported only under specific conditions. Please contact TyroneTechnical Support for additional information about specialized system optimization, 4U Dual Processor (AMD), Dual-Root GPU system with 8 PCI-E GPUs. |

## Chipset

| | |
|---|---|
| Chipset | System on Chip |

## System Memory

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|---|---|
| Memory Capacity | 32 DIMM slots, Up to 8TB 3DS ECC DDR4-3200MH RDIMM/LRDIMM, Memory Type , 3200MHz ECC DDR4 RDIMM/LRDIMM |

## Expansion Slots

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|---|---|
| PCI-Express | 10 PCI-E 4.0 x16 (FH, FL) slots, 1 PCI-E 4.0 x8 (FH, FL) slot |

## Integrated On-Board

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|---|---|
| SATA | 24 SATA3 (6Gbps) ports |
| LAN | 2 RJ45 GbE LAN ports (rear), 1 RJ45 Dedicated IPMI LAN port |

## Add-on Options

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|---|---|
| Raid Card | Optional |
| Optical Drive | None |

## Drive Bays

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|---|---|
| HDD Bays | Up to 24x 2.5" SAS/SATA drive bays, 4x 2.5" SATA supported natively, 4x 2.5" NVMe supported natively |

## Power Supply

2000W (2+2) Redundant Power Supplies Titanium Level
(full redundancy based on configuration and application load)

## Cooling System

8 Hot-swap 11.5K RPM cooling fans

## Form Factor

| | |
|---|---|
| Form Factor | 4U Rackmount |
| Height : | 7.0" (178mm), |
| Width : | 17.2" (437mm), |
| Depth : | 29" (737mm) |