

# Tyrone Camarero Specifications

# Tyrone

## Camarero DS400TG-424RT

### Key features

- AI/ML, Deep Learning Training and Inference, Big Data Analytics High Performance Computing (HPC), Research Laboratory/National Laboratory, Video Transcoding, High Performance Computing (HPC) Video Transcoding, 4U Dual Processor System with 20 Single-Width NVIDIA T4 GPUs
- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors. Dual Socket P (LGA 3647) supported, CPU TDP support 205W TDP, 3 UPI up to 10.4 GT/s
- Intel® C622
- Up to 6TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 6TB 3DS ECC LRDIMM, DDR4-2933MHz, in 24 DIMM slots(2933MHz in two DIMMs per channel supported on Rev 1.10 MB only) ; Up to 6TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only);
- 20 PCI-E 3.0 x16 support up to 20 single width GPU, 1 PCI-E 3.0 x8 (FH, FL in x16) slot
- 24 Hot-swap 3.5" drive bays (2 Optional U.2 NVMe 2.5" drives)M.2 Interface: 1 PCI-E 3.0 x4, Form Factors: 2280, 22110,Key: M-Key
- 2x 10GBase-T LAN ports via Intel C622
- 8 Hot-swap 92mm RPM cooling fans
- 2000W (2+2) Redundant Power Supplies,Titanium Level (96%+)



### Processor/Cache

Processor	2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors. Dual Socket P (LGA 3647) supported, CPU TDP support 205W TDP, 3 UPI up to 10.4 GT/s
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### Chipset

Chipset	Intel® C622
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### System Memory

Memory Capacity	Up to 6TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 6TB 3DS ECC LRDIMM, DDR4-2933MHz, in 24 DIMM slots (2933MHz in two DIMMs per channel supported on Rev 1.10 MB only) ;Up to 6TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only);
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### Expansion Slots

PCI-Express	20 PCI-E 3.0 x16 support up to 20 single width GPU, 1 PCI-E 3.0 x8 (FH, FL in x16) slot
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### Integrated On-Board

SATA	SATA3 (6Gbps) with RAID 0, 1, 5, 10
LAN	2 RJ45 10GBase-T LAN ports,1 RJ45 Dedicated IPMI LAN port

### Add-on Options

Raid Card	Optional
Optical Drive	None

### Drive Bays

Drive Bays	24 Hot-swap 3.5" drive bays (2 Optional U.2 NVMe 2.5" drives)M.2 Interface: 1 PCI-E 3.0 x4,Form Factors: 2280, 22110,Key: M-Key
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### Power Supply

2000W (2+2) Redundant Power Supplies,Titanium Level (96%+)
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### Cooling System

8 Hot-swap 92mm RPM cooling fans
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### Form Factor

Form Factor	4U Rackmount
Height	: 7.0" (178mm)
Width	: 17.2" (437mm)
Depth	: 32.1" (815mm)

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

For more/current product information, visit

[www.tyronesystems.com](http://www.tyronesystems.com)