

# Tyrone Camarero Specifications

# Tyrone

Camarero DS400TU-224R4T

## Key features

- **Virtualization,Hyperconverge Storage,Cloud Computing,High End Enterprise Server**
- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors., Dual Socket P (LGA 3647) supported, CPU TDP support 205W, 2 UPI up to 10.4 GT/s
- Intel® C621 chipset
- Up to 6TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 6TB 3DS ECC LRDIMM, DDR4-2933MHz, in 24 DIMM slots;Up to 6TB Intel® Optane™ DC Persistent Memory in memory mode.
- 2 PCI-E 3.0 x16 slots (FH, 10.5" L),4 PCI-E 3.0 x8 slots (FH, 10.5" L),1 PCI-E 3.0 x8 slot (LP)
- 4x 10GBase-T LAN ports via Intel X540
- 24 Hot-swap 2.5" drive bays; 14 SATA3,(optional 20 SAS3 + 4 NVMe/SAS3), Optional 2 hot-swap 2.5" rear drive bays for SSDs;Optional M.2 NVMe and SATA3 ports
- 4 Heavy duty 8cm PWM fans
- 1000W 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, 2 UPI up to 10.4 GT/s
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## Chipset

Chipset	Intel® C621 Chipset
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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;Up to 6TB Intel® Optane™ DC Persistent Memory in memory mode.
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## Expansion Slots

PCI-Express	2 PCI-E 3.0 x16 (FH, 10.5" L),4 PCI-E 3.0 x8 (FH, 10.5" L),1 PCI-E 3.0 x8 (LP)
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## Integrated On-Board

SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10 per node
LAN	4 RJ45 10GBase-T LAN ports,1 RJ45 Dedicated IPMI LAN port

## Add-on Options

Raid Card	Optional
Optical Drive	None

## Front Panel

LED Indicators	Power status LED,HDD activity LED, Network activity LEDs,System information (overheat/UID) LED
Buttons	Power On/Off button,System Reset button

## Drive Bays

HDD Bays	24 Hot-swap 2.5" drive bays;14 SATA3 (optional 20 SAS3 + 4 NVMe/SAS3)
M.2	1 M.2 PCI-E 3.0 x4 M-Key NVMe (2240/2260 /2280/22110),1 M.2 M-Key SATA3 via optional cable CBL-SAST-0538 and plastic stand-off FST-SCRW-0074L (2240/2260/2280 /22110),2 M.2 PCI-E 3.0 x4 M-Key NVMe via optional add-on card AOC-SLG3-2M2 (2260/2280/22110)

## Power Supply

1000W Redundant Power Supplies Titanium Level (96%)
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## Cooling System

4 Heavy duty 8cm PWM fans
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## Form Factor

Form Factor	2U Rackmount
Height	: 3.5" (89mm),
Width	: 17.2" (437mm),
Depth	: 27.76" (705.3mm)

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

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