

# Tyrone Camarero Specifications

Camarero DS4007R-436RT

Key features

- **Corporate Database, Database Processing & Storage, Enterprise Server, HPC, Data Center. iSCSI SAN**
- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors., Dual Socket P (LGA 3647) supported, CPU TDP support 205W, 3 UPI up to 10.4 GT/s
- Intel® C622
- Up to 4TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-2933MHz, in 16 DIMM slots; Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only);
- 3 PCI-E 3.0 x16, 4 PCI-E 3.0 x8 (slot 2 & 3 occupied by controller and JBOD expansion port)
- 36 Hot-swap 3.5" SAS3/SATA3 direct attached drive bays
- Broadcom 3108 SAS3 AOC
- 2x 10GBase-T LAN ports with Intel X557
- Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN
- 3 Hot-swap 8cm redundant PWM cooling fans, 2 hot-swap 8cm rear exhaust PWM fans
- 1200W 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, 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 4TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-2933MHz, in 16 DIMM slots; Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only);
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## Expansion Slots

PCI-Express	3 PCI-E 3.0 x16, 4 PCI-E 3.0 x8 (slot 2 & 3 occupied by controller and JBOD expansion port)
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## Integrated On-Board

SAS	SAS3 (12Gbps) via Broadcom 3108 AOC; HW RAID. RAID 0, 1, 5, 6, 10, 50, 60
SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10
LAN	2 RJ45 10GBase-T LAN ports, 1 RJ45 Dedicated IPMI LAN port

## Add-on Options

Optical Drive	None
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## Front Panel

Led's	Power status LED, Hard drive activity LED, Network activity LEDs, System Overheat LED, Power fail LED
Buttons	Power On/Off button, System Reset button

## Drive Bays

HDD bays	36 Hot-swap 3.5" SAS3/SATA3 drive bays
Optional	2 Optional Onboard NVMe M.2

## Power Supply

1200W Redundant Power Supplies Titanium Level (96%)

## Cooling System

3 Hot-swap 8cm redundant PWM cooling fans, 2 hot-swap 8cm rear exhaust PWM fans

## Form Factor

Form Factor	4U Rackmount
Height-	7" (178mm),
Width-	17.2" (437mm),
Depth-	27.5" (699mm)

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