

# Tyrone Camarero Specifications

## Camarero DS400TR-216RL

### Key features

- 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  
Note : BIOS version 3.0a or above is required to support 2nd Generation Intel Xeon Scalable Processors-SP
- Intel® C621
- 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);  
Memory Type : 2933/2666/2400/2133MHz ECC DDR4 RDIMM, LRDIMM
- 3 PCI-E 3.0 x16,4 PCI-E 3.0 x8  
M.2 Interface: 2 PCI-E 3.0 x4, Form Factor: 2242/2260/2280/22110, Key: M-Key (RAID 0,1 support)
- 1 VGA port
- Intel® C621 controller for 10 SATA3 (6 Gbps) ports; RAID 0,1,5,10
- Dual LAN with 1GbE with Intel® X722 + Marvell 88E1512
- 16 x 3.5" hot-swap SAS3/SATA drive bay Optional 2 x 2.5" hot-swap SAS3/SATA drive bay
- 4 x 80x38mm hot-swap cooling fan(s)
- 800/1000/1600W redundant single output power supply titanium level

# Tyrone®



### 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 Note : BIOS version 3.0a or above is required to support 2nd Generation Intel Xeon Scalable Processors-SP
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### Chipset

Chipset	Intel® C621
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### System Memory

Memory Capacity	Up to 4TB 3DS ECC RDIMM, DDR4-2933 MHz; 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);  Memory Type : 2933/2666/2400/2133MHz ECC DDR4 RDIMM, LRDIMM
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### Expansion Slots

PCI-Express	3 PCI-E 3.0 x16,4 PCI-E 3.0 x8 M.2 Interface: 2 PCI-E 3.0 x4, Form Factor: 2242/2260/2280/22110, Key: M-Key (RAID 0,1 support)
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### Integrated On-Board

SATA	Intel® C621 controller for 10 SATA3 (6 Gbps) ports; RAID 0,1,5,10
LAN	2 1GbE LAN ports

### Add-on Options

Raid Card	Optional
Optical Drive	None

### Front Panel

LED	2 Network Activity LEDs HDD Fail LED Power Status LED, Power Fail LED, System Information LED
Buttons	Power On/Off button, System Reset Button

### Drive Bays

HDD Drives	16 x 3.5" hot-swap SAS3/SATA drive bay, Optional 2 x 2.5" hot-swap SAS3/SATA drive bay
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### Power Supply

800/1000/1600W redundant single output power supply titanium level

### Cooling System

4 x 80x38mm hot-swap cooling fan(s)

### Form Factor

2U Rackmount

Dimensions:Height :3.5" (89 mm),  
Width :17.2" (437 mm) ,  
Depth : 27.75" (705 mm)

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

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