

# Tyrone Camarero Specifications

## Camarero DS400TU-212RT

### Key features

Virtualization,Hyperconverge Storage,Cloud Computing,High End Enterprise Server,  
Flexible Networking Options

- Dual Socket P (LGA 3647),2nd Gen. Intel® Xeon® Scalable Processors (Cascade Lake/Skylake),Dual UPI up to 10.4GT/s, Support CPU TDP 70-205W, Up to 28 Cores Note : BIOS version 3.0a or above is required to support 2nd Gen. Intel® Xeon® Scalable processors
- Intel Intel® C621 chipset
- 24 DIMM slots, Up to 6TB 3DS ECC DDR4-2933MHz† RDIMM/LRDIMM, Supports Intel® Optane™ DCPMM
- 1 PCI-E 3.0 x16 (FH, 10.5" L), 5 PCI-E 3.0 x8 (FH, 10.5" L), 1 PCI-E 3.0 x8 (LP), 1 PCI-E 3.0 x8 (internal LP)
- 2x 10GBase-T LAN ports via Intel X540
- 12 Hot-swap 3.5" drive bays:12 SATA (opt. 8 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 fans
- 1000W High efficiency (96%), Redundant PSU; Titanium Level



### Processor/Cache

**Processor** Dual Socket P (LGA 3647), 2nd Gen. Intel® Xeon® Scalable Processors (Cascade Lake/Skylake), Dual UPI up to 10.4GT/s, Support CPU TDP 70-205W, Up to 28 Cores Note : BIOS version 3.0a or above is required to support 2nd Gen. Intel® Xeon® Scalable processors

### Chipset

**Chipset** Intel® C621 chipset

### System Memory

**Memory Capacity** 24 DIMM slots, Up to 6TB 3DS ECC DDR4-2933MHz† RDIMM/LRDIMM, Supports Intel® Optane™ DCPMM Note : 2933MHz in two DIMMs per channel can be achieved by using memory purchased from Tyrone Cascade Lake only. Contact your Tyrone sales rep for more info.

### Expansion Slots

**PCI-Express** 1 PCI-E 3.0 x16 (FH, 10.5" L), 5 PCI-E 3.0 x8 (FH, 10.5" L), 1 PCI-E 3.0 x8 (LP), 1 PCI-E 3.0 x8 (internal LP)

### Integrated On-Board

**SATA** SATA3 (6Gbps) with RAID 0, 1, 5, 10

**LAN** 2 RJ45 10GBase-T Ethernet LAN ports, 1 RJ45 Dedicated IPMI LAN port

### Add-on Options

**Raid Card** Optional

**Optical Drive** None

### Front Panel

**LED** 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 Drives** 12 Hot-swap 3.5" drive bays, 12 SATA3 ports by default; Optional 8 SAS3 + 4 NVMe/SAS3 M.2 : 1 M.2 PCI-E 3.0 x4 M-Key NVMe or 1 M.2 M-Key SATA3 (2240/2260/2280/22110) via optional riser card (see optional parts list) 2 M.2 PCI-E 3.0 x4 M-Key NVMe (2260/2280/22110) via optional add-on card AOC-SLG3-2M2

**Backplane** 2U SAS/SATA backplane

### Power Supply

1000W High efficiency (96%), Redundant PSU; Titanium Level

### Cooling System

4 Heavy duty 8cm PWM fans

### Form Factor

2U Rackmount

**Dimensions:** Width 17.2" (437mm),  
Height 3.5" (89mm),  
Depth 28.46" (723mm)

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

**For more/current product information, visit**

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