

# Tyrone Camarero Specifications

**Tyrone**<sup>®</sup>

## Camarero DS40012E1-224RLT

### 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 Up to 140W, 2 UPI up to 10.4 GT/s
- Intel® C622 chipset
- Up to 2TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 2TB 3DS ECC LRDIMM, DDR4-2933MHz, in 8 DIMM slots
- 3 PCI-E 3.0 x16, 4 PCI-E 3.0 x8, (slot 2 & 3 occupied by controller and JBOD expansion port)
- 24 Hot-swap 2.5" SAS3/SATA3 drive bays; 2 Hot-swap 2.5" SATA3 drive bays (rear), Expander based backplane
- Broadcom 3008 SAS3 AOC
- 2x 10GBase-T LAN ports with Intel X722 + PHY Intel X557
- Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN
- 3 Hot-swap 8cm redundant 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 Up to 140W, 2 UPI up to 10.4 GT/s
Chipset	
Chipset	Intel® C622 chipset
System Memory	
Memory Capacity	Up to 2TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 2TB 3DS ECC LRDIMM, DDR4-2933MHz, in 8 DIMM slots
Expansion Slots	
PCI-Express	3 PCI-E 3.0 x16 slot, 4 PCI-E 3.0 x8 slots, Slot 2 & 3 occupied by controller and SJBOD Expansion Port
Integrated On-Board	
SAS	SAS 3 (12Gbps) via Broadcom 3008 AOC, Broadcom 3008 controller
SATA	SATA 3 (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

Front Panel	
LED Indicators	LED Indicators: Power status LED, Hard drive activity LED, Network activity LEDs, System Information LED, Power fail LED
Buttons	Power On/Off button, System Reset button
Drive Bays	
HDD Bays	24 Hot-swap 2.5" 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	
Form Factor	
Form Factor	2U Rackmount
Height :	3.5" (89 mm),
Width :	17.2" (437 mm),
Depth :	24.8" (630 mm)
<p>Email : <a href="mailto:info@tyronesystems.com">info@tyronesystems.com</a></p> <p>For more/current product information, visit <a href="http://www.tyronesystems.com">www.tyronesystems.com</a></p>	