

Tyrone Camarero Specifications

Tyrone®

Camarero DS40012E1-212RTL

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 chipset
- 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)
- 12 Hot-swap 3.5" SAS3/SATA3 direct attached drive bays
- 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 cooling 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
Chipset	
Chipset	Intel® C622 chipset
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).
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)
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

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	12 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,	
Form Factor	
Form Factor	2U Rackmount
Width	17.2" (437mm) ,
Height	3.5" (89mm) ,
Depth	24.8" (630mm)
<p>Email : info@tyronesystems.com</p> <p>For more/current product information, visit</p> <p>www.tyronesystems.com</p>	