

Tyrone Camarero Specifications

Tyrone[®]

Camarero DS4007E1-316RT

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)
- 16 Hot-swap 3.5" SAS3/SATA3 direct attached drive bays
- Broadcom 3108 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, 2 hot-swap 8cm rear exhaust PWM fans
- 1200W Redundant Power Supplies Titanium Level (96%)



| Processor/Cache | | Front Panel | |
|---------------------|--|---|---|
| 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 | LED Indicators | Power status LED, Hard drive activity LED, Network activity LEDs, System Overheat LED, Power fail LED |
| Buttons | | Buttons | Power On/Off button, System Reset button |
| Chipset | | Drive Bays | |
| Chipset | Intel® C622 | HDD bays | 16 Hot-swap 3.5" SAS3/SATA3 drive bays, 2 Optional Onboard NVMe M.2 |
| System Memory | | Power Supply | |
| 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); | 1200W Redundant Power Supplies Titanium Level (96%) | |
| Expansion Slots | | Cooling System | |
| PCI-Express | 3 PCI-E 3.0 x16, 4 PCI-E 3.0 x8 (slot 2 & 3 occupied by controller and JBOD expansion port) | 3 Hot-swap 8cm redundant PWM cooling fans, 2 hot-swap 8cm rear exhaust PWM fans | |
| Integrated On-Board | | Form Factor | |
| SAS | SAS3 (12Gbps) via Broadcom 3108 AOC; HW RAID. RAID 0, 1, 5, 6, 10, 50, 60 | Form Factor | 3U Rackmount |
| SATA | SATA3 (6Gbps) with RAID 0, 1, 5, 10 | Width: | 17.2" (437mm), |
| LAN | 2 RJ45 10GBase-T LAN ports, 1 RJ45 Dedicated IPMI LAN port | Height: | 5.2" (132mm), |
| | | Depth: | 25.5" (648mm) |
| Add-on Options | | <p>Email : info@tyronesystems.com</p> <p>For more/current product information, visit www.tyronesystems.com</p> | |
| Optical Drive | None | | |

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