

# Tyrone Camarero Specifications

Camarero SS40012E1-445RL

**Tyrone**<sup>®</sup>

## Key features

- **Backup Storage, Cold Storage, Database Applications, Data Warehousing, Archiving**
- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors., Single Socket P (LGA 3647) supported, CPU TDP support 165W
- Intel® C621 chipset
- Up to 2TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 2TB 3DS ECC LRDIMM, DDR4-2933MHz, in 8 DIMM slots; Up to 1TB Intel Optane DC Persistent Memory in memory mode (Cascade Lake Only)
- 2 PCI-E 3.0 x8 (in x16), 3 PCI-E 3.0 x8, 1 PCI-E 3.0 x4 (in x8), 1 PCI-E 3.0 x8 (occupied by HBA)
- 2 GbE LAN ports via Intel i210
- 45 Hot-swap 3.5" SAS3/SATA3 drive bays, 2 rear Hot-swap 2.5" SATA drive bays; optional 2 SATA or NVMe
- Broadcom 3008 SAS3 IT mode, (AOC-S3008L-L8E)
- Server remote management: IPMI 2.0/ KVM over LAN / Media over LAN
- 5 Hot-swap 8cm redundant PWM fans
- 1600W Redundant Power Supplies Platinum Level



| Processor/Cache     |  |
|---------------------|--|
| Processor           | 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors., Single Socket P (LGA 3647) supported, CPU TDP support 165W                     |
| Chipset             |  |
| Chipset             | Intel® C621 chipset  |
| System Memory       |  |
| Memory Capacity     | Up to 2TB 3DS ECC RDIMM, DDR4-2933MHz;<br>Up to 2TB 3DS ECC LRDIMM, DDR4-2933MHz, in 8 DIMM slots;<br>Up to 1TB Intel Optane DC Persistent Memory in memory mode (Cascade Lake Only) |
| Expansion Slots     |  |
| PCI Express         | 2 PCI-E 3.0 x8 (in x16), 3 PCI-E 3.0 x8, 1 PCI-E 3.0 x4 (in x8), 1 PCI-E 3.0 x4 (occupied by HBA card)   |
| Integrated On-Board |  |
| SAS                 | Broadcom 3008 SAS3 IT mode, (AOC-S3008L-L8E), SW RAID 0, 1, 10   |
| SATA                | SATA3 (6Gbps) via Intel® C621 controller RAID 0, 1, 5, 10 support  |
| LAN                 | 2 RJ45 Gigabit Ethernet LAN ports, 1 RJ45 Dedicated IPMI LAN port  |
| Add-on Options      |  |
| Optical Drive       | None   |

| Front Panel   |  |
|---|--|
| LED   | Power 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  | 45 Hot-swap 3.5" SAS3/SATA3 drive bays, 2 Rear Hot-swap 2.5" SATA3 drive bays                  |
| Optional  | 2 Hot-swap 2.5" NVMe/SATA drive bays (rear)  |
| Power Supply  |  |
| 1600W Redundant Power Supplies Platinum Level   |  |
| Cooling System  |  |
| 5 High-performance 80mm cooling fans  |  |
| Form Factor   |  |
| Form Factor   | 4U Rackmount   |
| Width   | 17.2" (437mm),   |
| Height  | 7" (178mm),  |
| Depth   | 26" (660mm)  |
| <p><b>Email : <a href="mailto:info@tyronesystems.com">info@tyronesystems.com</a></b></p> <p><b>For more/current product information, visit</b></p> <p><b><a href="http://www.tyronesystems.com">www.tyronesystems.com</a></b></p> |  |