

Tyrone Camarero Specifications

Camarero SS40012E1-445RL

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
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Chipset

Chipset	Intel® C621 chipset
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System Memory

Memory Capacity	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)
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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)
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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
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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)

Email : info@tyronesystems.com

For more/current product information, visit

www.tyronesystems.com