

Tyrone Camarero Specifications

Tyrone

Camarero DS4007E1-248R

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® C621 chipset
- Up to 6TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 6TB 3DS ECC LRDIMM, DDR4-2933MHz, in 24 DIMM slots; Up to 6TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)
- 2 PCI-E 3.0 x16, 1 PCI-E 3.0 x8, 1 PCI-E 3.0 x8 + x8 for SAS3 Add-On-Module (AOM), 1 SIOM card support (flexible networking)
- 48 Hot-swap 2.5" SAS3/SATA3 drive bays; 2 hot-swap 2.5" drive bays (rear)
- Broadcom 3108 SAS3, HW RAID
- Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN
- 5x 8cm high-performance PWM fans
- 1600W 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
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Chipset

Chipset	Intel® C621 chipset
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System Memory

Memory Capacity	Up to 6TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 6TB 3DS ECC LRDIMM, DDR4-2933MHz, in 24 DIMM slots; Up to 6TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only).
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Expansion Slots

PCI-Express	2 PCI-E 3.0 x16, 1 PCI-E 3.0 x8, 1 PCI-E 3.0 x8 + x8 for SAS3 Add-On-Module (AOM), 1 SIOM card support (flexible networking)
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Integrated On-Board

SAS	SAS3 (12Gbps) via Broadcom 3108; HW RAID, RAID 0, 1, 5, 6, 10, 50, 60
SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10, 50
LAN	1 RJ45 Dedicated IPMI LAN port

Add-on Options

Optical Drive	None
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Front Panel

Led's	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	48 Hot-swap 2.5" SAS3/SATA3 drive bays, 2 Hot-swap 2.5" SATA3 drive bays (rear)
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Power Supply

1600W Redundant Power Supplies Titanium Level (96%)

Cooling System

5x 8cm high-performance PWM fans

Form Factor

Form Factor	2U Rackmount
Dimensions	Width 17.2" (437mm), Height 3.5" (89mm), Depth 30" (684mm)

Email : info@tyronesystems.com

For more/current product information, visit www.tyronesystems.com