Tyrone Camarero Specifications

Tyrone®

Camarero DS4007E1-224RT

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).
- 24 Hot-swap 3.5" SAS3/SATA3 drive bays;2 hot-swap 2.5" SATA3 drive bays (rear),Expander based backplane
- 2 PCI-E 3.0 x16, 1 PCI-E 3.0 x8, 1 SIOM card support (flexible networking),Note: must bundle with Network card
- 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%)

intel® inside™ XEON®

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® C621 chipset

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).

Expansion Slots

PCI-Express	2 PCI-E 3.0 x16 slots,1 PCI-E 3.0 x8 slot, 1 SIOM card support,(must bundle with network card)

Integrated On-Board

SAS	SAS 3 (12Gbps) via Broadcom 3108; HW RAID,RAID 0, 1, 5, 6, 10, 50, 60
SATA	SATA 3 (6Gbps); RAID 0, 1, 5, 10
LAN	1 RJ45 Dedicated IPMI LAN port

Add-on Options

Optical Drive	None

Front Panel

LED Indicators	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	24 Hot-swap 3.5" SAS3/SATA3 drive bays, 2 Hot-swap 2.5" SATA3 drive bays (rear)

Power Supply

1600W Redundant Power Supplies Titanium Level (96%)

Cooling System

5x 8cm high-performance PWM fans

Form Factor

Form Factor	2U Rackmount
Height :	3.5" (89 mm),
Width :	17.2" (437 mm),
Depth :	34" (863 mm)

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For more/current product information, visit

www.tyronesystems.com