Tyrone Camarero Specifications

Camarero DS4007TP-224R

Key features

Compute Intensive Application, HPC, Data Center, Enterprise Server, Financial Analysis, Mission-critical applications   Four hot-pluggable systems (nodes) in a 2U form factor, Each node supports the following:

- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors.Dual Socket P (LGA 3647) supported, CPU TDP support 165W TDP, 2 UPI up to 10.4 GT/s
- Intel ®C621 chipset
- 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)
- 2 PCI-E 3.0 x16 slots
- Flexible Networking support via SIOM; Dedicated IPMI 2.0 LAN
- 6 Hot-swap 2.5" SAS/SATA drive bays
- Broadcom 3108 SAS3 controller; RAID 0, 1, 5, 6, 10, 50 w/ SuperCap opt.
- 2200W 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 165W TDP, 2 UPI up to 10.4 GT/s

Chipset

Chipset	Intel ®C621 chipset

System Memory

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)

Expansion Slots

PCI-Express	2 PCI-E 3.0 x16 slots

Integrated On-Board

SAS	Broadcom 3108 SAS3 (12Gbps) controller; RAID 0, 1, 5, 6, 10, 50 support. Optional SuperCap
LAN	1 RJ45 Dedicated IPMI LAN port

Add-on Options

Optical Drive	None

Front Panel

LED Indicators	Power status LED, HDD activity LED, Network activity LEDs, Universal Information (UID) LED
Buttons	Power On/Off button, UID button

Drive Bays

HDD Bays	6 Hot-swap 2.5" SAS/SATA HDD trays

Power Supply

2200W Redundant Power Supplies Titanium Level (96%)

Cooling System

4 Heavy duty 8cm PWM fans with optimal fan speed control

Form Factor

Form Factor	2U Rackmount
Height :	3.47" (88mm),
Width :	17.25" (438mm),
Depth :	28.5" (724mm)