Tyrone Camarero Specifications

Camarero DS4007E1-212RT

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® C622 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)
- 3 PCI-E 3.0 x16, 4 PCI-E 3.0 x8,(slot 2 & 3 occupied by controller and JBOD expansion port)
- 12 Hot-swap 3.5" SAS3/SATA3 direct attached drive bays
- Broadcom 3108 SAS3 AOC
- 2x 10GBase-T LAN ports with Intel X722 + PHY Intel X557
- Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN
- 3 Hot-swap 8cm redundant PWM fans
- 1200W 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

Chipset

Chipset	Intel® C622 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	3 PCI-E 3.0 x16 slot,4 PCI-E 3.0 x8 slots, Slot 2 & 3 occupied by controller and JBOD expansion port

Integrated On-Board

SAS	SAS3 (12Gbps) via Broadcom 3108 AOC; HW RAID,RAID 0, 1, 5, 6, 10, 50, 60
SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10
LAN	2 RJ45 10GBase-T LAN ports, 1 RJ45 Dedicated IPMI LAN port

Add-on Options

Optical Drive	None

Front Panel

Led's	Power status 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	12 Hot-swap 3.5" SAS3/SATA3 drive bays, 2 Optional Onboard NVMe M.2

Power Supply

1200W Redundant Power Supplies Titanium Level (96%)

Cooling System

3 Hot-swap 8cm redundant PWM cooling fans

Form Factor

Form Factor		2U Rackmount
Height	:	3.5" (89mm),
Width	:	17.2" (437mm),
Depth	:	24.8" (630mm)

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For more/current product information, visit

www.tyronesystems.com