Tyrone Camarero Specifications

Camarero DS40012E1-224RL

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 slots,1 PCI-E 3.0 x8 slot,1 SIOM card support (flexible networking) Note: must bundle with Network card
- 24 Hot-swap 3.5" SAS3/SATA3 drive bays; 2 hot-swap 2.5" drive bays (rear)
- Broadcom 3008 SAS3, IT mode
- 2x 10GBase-T LAN ports with Intel X722 + PHY Intel X557
- Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN
- 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

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

Integrated On-Board

SAS	SAS3 (12Gbps) via Broadcom 3008; IT Mode
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	24 Hot-swap 3.5" SAS3/SATA3 drive bays, 2 Hot-swap 2.5" SATA3 drive bays (rear)
Optional	2 Optional Onboard NVMe M.2

Power Supply

1600W Redundant Power Supplies Titanium Level (96%)

Cooling System

5x 8cm high-performance PWM fans

Form Factor

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

Email : info@tyronesystems.com

For more/current product information, visit

www.tyronesystems.com