Tyrone Camarero Specifications

Camarero DS30012E1-460RL

Key features

- Dual socket R3 (LGA 2011) supports Intel® Xeon® processor E5-2600 v4/ v3 family
- Intel® C612 chipset
- Up to 2TB ECC 3DS LRDIMM , up toDDR4- 2400MHz ; 16x DIMM slots
- 1x PCI-E 3.0 x16, 6x PCI-E 3.0 x8 (3 slots occupied by IT Mode disk controllers, LSI 3008)
- Dual 10GBase-T LAN w/ Intel® X540
- 72x 3.5" Hot-swap SAS3/SATA3 drive bays; 2x 2.5" Hot-swap drive bays (rear)
- SAS3 via 3x LSI 3008 controller;   IT mode
- Server remote management: IPMI 2.0 KVM over LAN / Media over LAN
- 7x 80mm middle cooling fans
- 2000W High efficiency (96%)   Redundant PSU; Titanium Level

Processor/Cache

Processor	Dual socket R3 (LGA 2011) supports Intel® Xeon® processor E5-2600 v4/ v3 family

Chipset

Chipset	Intel® C612 chipset

System Memory

Memory Capacity	16x 288-pin DDR4 DIMM slots Up to 2TB ECC 3DS LRDIMM, 512 ECC RDIMM

Expansion Slots

PCI-Express	1 PCI-E 3.0 x16, 3 PCI-E 3.0 x8 slots , 3 slots occupied by IT Mode disk controller, LSI 3008

Integrated On-Board

SAS	SAS3 (12Gbps) via 3x LSI 3008 (AOC), IT mode firmware
SATA	SATA3 (6Gbps) with RAID 0, 1, 5, 10
LAN	2x RJ45 10GBase-T LAN ports,1x RJ45 Dedicated IPMI LAN port

Add-on Options

Optical Drive	None

Front Panel

LED Indicators	Power LED,Hard drive activity LED, 2x Network activity LEDs,System Overheat LED,Power Fail LED
Buttons	Power On/Off button, System Reset button

Drive Bays

HDD Bay	72x 3.5" Hot-swap SAS3/SATA3 drive bays with SES2,Double-sided storage, 2x 2.5" Hot-swap drive bays (rear), 2x 2.5" Fixed bays

Power Supply

2000W High efficiency (96%)   Redundant PSU; Titanium Level

Cooling System

7x 92mm hot-swap cooling fans

Form Factor

Form Factor	4U Rackmount
Width:	17.2" (437mm) ,
Height:	7" (178mm),
Depth:	35" (889mm)

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For more/current product information, visit

www.tyronesystems.com