Tyrone Camarero Specifications

Camarero DS3007R-436RT

Key features

- Dual socket R3 (LGA 2011) supports Intel® Xeon® processor E5-2600v4/ v3 family
- Intel® C612 chipset
- Up to 2TB ECC 3DS LRDIMM , up to DDR4- 2400 MHz ; 16x DIMM slots
- 1 PCI-E 3.0 x16, 6 PCI-E 3.0 x8   (slot 1 & 2 occupied by controller and JBOD expansion port)
- Dual 10GBase-T LAN w/ Intel® X540
- 36x 3.5" Hot-swap SAS3/SATA3 drive bays (24 front + 12 rear); 2x 2.5" optional
  Hot-swap drive bays (rear);4x 2.5" internal fixed drive bays
- SAS3 via LSI 3108 AOC (HW RAID
- Server remote management: IPMI 2.0   / KVM over LAN / Media over LAN
- 7x 80mm middle cooling fans
- 1280W Redundant Power Supplies Platinum Level (94%)

Processor/Cache

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

Chipset

Chipset	Intel® C612 chipset

System Memory

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

Expansion Slots

PCI-Express	1x PCI-E 3.0 x16 slot, 6x PCI-E 3.0 x8 slots, Slot 1 & 2 occupied by controller and JBOD Expansion Port

Integrated On-Board

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

Add-on Options

Optical Drive	None

Front Panel

LED Indicators	Power status 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 bays	36x 3.5" Hot-swap SAS3/SATA3 drive bays, Double-sided: 24 front + 12 rear drivebays
Optional	2x 2.5" Hot-swap HDD bays (rear), Fixed internal Drive Bracket supports , 1x 3.5 or 2x 2.5" devices

Power Supply

1280W Redundant Power Supplies Platinum Level (94%)

Cooling System

7x 80mm middle cooling fans. Redundant cooling

Form Factor

Form Factor	4U Rackmount
Width:	17.2" (437 mm),
Height:	7 (178mm) '
Depth:	27.5" (699mm)

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For more/current product information, visit

www.tyronesystems.com