

# Tyrone Camarero Specifications

**Tyrone**<sup>®</sup>

Camarero FD20037T-412R

## Key features

**Hadoop, four systems (Nodes) in 4U formfactor. Each node supports:**

- Dual socket R (LGA 2011) supports Intel® Xeon® processor E5-2600 and E5-2600 v2 family
- Up to 1TB ECC DDR3, up to 1866MHz; 16x DIMM sockets
- Expansion slots: 1 PCI-E 3.0 x16 (LP) and 1 PCI-E x8 (LP) via riser card
- I/O ports: 2 GbE ports, 1 Built-in video 1 COM port onboard, 2 USB 2.0 ports
- Built-in Server management tool (IPMI 2.0, KVM/media over LAN) with dedicated LAN port
- 8 Fixed 3.5" SAS/SATA HDD Bays + 4 Fixed 3.5" SATA HDD Bays. Additional 2 Fixed 2.5" SATA HDD Bays optional
- 1620W Redundant Power Supplies Platinum Level (94%)



Processor/Cache	
Processor	Dual socket R (LGA 2011) supports Intel® Xeon® processor E5-2600 and E5-2600 v2 family
Chipset	
	Intel® C602 Chipset
System Memory	
	16x 240-pin DDR3 DIMM sockets Up to 1TB DDR3 ECC LRDIMM Up to 512GB DDR3 ECC Registered memory (RDIMM)
Expansion Slots	
PCI-Express	1x PCI-E 3.0 x16 Low-profile via riser card, 1x PCI-E 3.0 x8 Low-profile via riser card
Integrated On-Board	
SAS	SAS2 (6Gbps) via LSI 2208, HW RAID 0, 1, 5, 6, 10, 50, 60 support
SATA	SATA 2.0 3Gbps with RAID 0, 1 SATA 3.0 6 Gbps with RAID 0, 1
LAN	2x RJ45 Gigabit Ethernet LAN ports, 1x RJ45 Dedicated IPMI LAN port
Add-on Options	
Optical Drive	None

Front Panel	
Buttons	Power On/Off button System Reset button
LEDs	Power status LED, 2x Network activity LEDs, System Overheat LED, Power fail LED
Drive bays	
HDD	8 Fixed 3.5" SAS/SATA HDD Bays + 4 Fixed 3.5" SATA HDD Bays. Additional 2 Fixed 2.5" SATA HDD Bays optional
Power Supply	
	1620W high-efficiency redundant power supply w/ PMBus
Cooling System	
	8x 8cm heavy duty fans with air shroud and PWM fan speed control
Form Factor	
	4U Rackmount  Width- 17.63" (448mm) , Height- 6.96" (177mm) , Depth – 35" (889mm)
<p><b>Email : <a href="mailto:info@tyronesystems.com">info@tyronesystems.com</a></b></p> <p><b>For more/current product information, visit</b></p> <p><b><a href="http://www.tyronesystems.com">www.tyronesystems.com</a></b></p>	