

Tyrone Camarero Specifications



Camarero DS40012E1-248RL

Key features

- Corporate Database, Database Processing & Storage, Enterprise Server, HPC, Data Center, iSCSI SAN
- Dual Socket P (LGA 3647), 2nd Gen Intel® Xeon® Scalable Processors and Intel® Xeon® Scalable Processors‡, 3 UPI up to 10.4GT/s, Support CPU TDP 70-165W Cores: Up to 28 Cores
Note: BIOS version 3.2 or above is required to support 2nd Gen Intel® Xeon® Scalable processors (codenamed Cascade Lake-R)
- Intel® C621 chipset
- 24 DIMM slots, Up to 6TB 3DS ECC DDR4-2933MHz† RDIMM/LRDIMM Supports Intel® Optane™ DCPMM†† Memory Type: 2933†/2666/2400/2133MHz ECC DDR4 RDIMM/LRDIMM
Note: 2933MHz in two DIMMs per channel can be achieved by using memory purchased from Tyrone, †† Cascade Lake only. Contact your Tyrone sales rep for more info.
- 2 PCI-E 3.0 x16 slots, 1 PCI-E 3.0 x8 slot 1 SIOM card support, (must bundle with network card) Broadcom 3008 SAS3, IT mode
- Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN
- 48 Hot-swap 2.5" SAS3/SATA3 drive bays, 2 Hot-swap 2.5" SATA3 drive bays (rear)
- 5x 8cm high-performance PWM fans
- 1600W Redundant Power Supplies with PMBus



Processor/Cache	
Processor	Dual Socket P (LGA 3647), 2nd Gen Intel® Xeon® Scalable Processors and Intel® Xeon® Scalable Processors‡, 3 UPI up to 10.4GT/s, Support CPU TDP 70-165W Cores: Up to 28 Cores Note: BIOS version 3.2 or above is required to support 2nd Gen Intel® Xeon® Scalable processors (codenamed Cascade Lake-R)
Chipset	
Chipset	Intel® C621 chipset
System Memory	
Memory Capacity	24 DIMM slots, Up to 6TB 3DS ECC DDR4-2933MHz† RDIMM/LRDIMM Supports Intel® Optane™ DCPMM†† Memory Type: 2933†/2666/2400/2133MHz ECC DDR4 RDIMM/LRDIMM Note: 2933MHz in two DIMMs per channel can be achieved by using memory purchased from Tyrone, †† Cascade Lake only. Contact your Tyrone sales rep for more info.
Expansion Slots	
PCI-Express	2 PCI-E 3.0 x16 slots, 1 PCI-E 3.0 x8 slot 1 SIOM card support, (must bundle with network card)
Integrated Onboard	
SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10, 50
SAS	SAS3 (12Gbps) via Broadcom 3008; IT Mode
LAN	1 RJ45 Dedicated IPMI LAN port
Add-on Options	
Optical Drive:	None

Front Panel	
Front Panel	Power status LED, Hard drive activity LED, Network activity LEDs, System Information LED, Power fail LED
Buttons	Power On/Off button, System Reset button
Drive Bays	
HDD Bays	48 Hot-swap 2.5" SAS3/SATA3 drive bays, 2 Hot-swap 2.5" SATA3 drive bays (rear)
Power Supply	
	1600W Redundant Power Supplies with PMBus
Cooling System	
	5x 8cm high-performance PWM fans
Form Factor	
Form Factor	2U Rackmount
Dimensions:	Width: 17.2" (437mm), Height : 3.5" (89mm), Depth : 30" (684mm)
<p>Email : info@tyronesystems.com</p> <p>For more/current product information, visit</p> <p>www.tyronesystems.com</p>	

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