

Tyrone Camarero Specifications

Tyrone

Camarero DS40012TP-224R

Key features

Compute Intensive Application, HPC, Data Center, Enterprise Server, Financial Analysis, Mission-critical applications Four hot-pluggable systems (nodes) in a 2U form factor, Each node supports the following:

- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors. Dual Socket P (LGA 3647) supported, CPU TDP support 165W TDP, 2 UPI up to 10.4 GT/s
- Intel® C621 chipset
- Up to 4TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-2933MHz, in 16 DIMM slots; Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only);
- 2 PCI-E 3.0 x16 slots
- Flexible Networking support via SIOM; Dedicated IPMI 2.0 LAN
- 6 Hot-swap 2.5" SAS/SATA drive bays
- Broadcom 3008 SAS3 controller; RAID 0, 1, 10
- 2200W Redundant Power Supplies Titanium Level (96%)



Processor/Cache		Front Panel	
Processor	2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors. Dual Socket P (LGA 3647) supported, CPU TDP support 165W TDP, 2 UPI up to 10.4 GT/s	LED Indicators	Power status LED, HDD activity LED, Network activity LEDs, Universal Information (UID) LED
Chipset	Intel® C621 chipset	Buttons	Power On/Off button, UID button
System Memory		Drive Bays	
Memory Capacity	Up to 4TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-2933MHz, in 16 DIMM slots; Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only);	HDD Bays	6 Hot-swap 2.5" SAS/SATA HDD trays
Expansion Slots		Power Supply	
PCI-Express	2 PCI-E 3.0 x16 slots	2200W Redundant Power Supplies Titanium Level (96%)	
Integrated On-Board		Cooling System	
SAS	Broadcom 3008 SAS3 (12Gbps) controller; RAID 0, 1, 10 support	4 Heavy duty 8cm PWM fans with optimal fan speed control	
LAN	1 RJ45 Dedicated IPMI LAN port	Form Factor	
Add-on Options		Form Factor	2U Rackmount
Optical Drive	None	Height	: 3.47" (88mm),
		Width	: 17.25" (438mm),
		Depth	: 28.5" (724mm)

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For more/current product information, visit
www.tyronesystems.com