

Tyrone Camarero Specifications

Camarero DS40012TP-14R Key features

Tyrone®



Mission-critical applications, High Availability Storage, Appliance Platform

Two hot-pluggable systems (nodes) in a 1U 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
- 16 DIMM slots, Up to 4TB 3DS ECC DDR4-2933MHz RDIMM/LRDIMM
- 2 PCI-E 3.0 x16 slots
- Flexible Networking support via SIOM; Dedicated IPMI 2.0 LAN
- 4 Hot-swap 2.5" SATA3 drive bays
- Broadcom 3008 SAS3 controller; SW RAID
- 2 SuperDOM onboard or optional, 2 M.2 carrier
- Up to 1000W Redundant Power Supplies Titanium Level (96%)

Processor/Cache

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, Dual UPI up to 10.4GT/s Support CPU TDP 70-145W, Up to 28 Cores Note : BIOS version 3.0a or above is required to support 2nd Gen. Intel® Xeon® Scalable processors
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Chipset

Chipset	Intel® C621 chipset
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System Memory

Memory Capacity	16 DIMM slots, Up to 4TB 3DS ECC DDR4-2933MHz RDIMM/LRDIMM
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Expansion Slots

PCI-Express	2 PCI-E 3.0 x16 Low-profile slots, 1 SIOM card support
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Integrated On-Board

SAS	Broadcom 3008 SAS3 (12Gbps) controller; SW RAID 0, 1, 10 support
LAN	1 RJ45 Dedicated IPMI LAN port

Add-on Options

Optical Drive	None
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Front Panel

LED	Power status LED, HDD activity LED, Network activity LEDs, Universal Information (UID) LED
Buttons	Power On/Off button, UID button

Drive Bays

HDD Drives	4 Hot-swap 2.5" SAS3/SATA3 drive bays
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Power Supply

1000W Redundant Power Supplies Titanium Level (96%)

Cooling System

3 Heavy duty counter rotating fans with air shroud and optimal fan speed control
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Form Factor

1U Rackmount

Dimensions: Width 17.2" (437mm), Height 1.7" (88mm), Depth 28.25" (718mm)

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