

Tyrone Camarero Specifications

Tyrone®

Camarero DS400TTBN-26R

Key features



- Compute Intensive Application, HPC, Data Center, Enterprise, Server, Hyperscale / Hyperconverged
Four hot-pluggable systems (nodes) in a 2U form factor. Each node supports the following:
- Dual Socket P (LGA 3647), 2nd Gen. Intel® Xeon® Scalable Processors (Cascade Lake/Skylake), Dual UPI up to 10.4GT/s Support CPU TDP 70-205W, Up to 28 Cores
Note : 200W/205W CPUs are supported under certain configurations. Please contact Tyrone Technical Support for additional information about specialized system optimization
Note: BIOS version 3.0a or above is required to support 2nd Gen. Intel® Xeon® Scalable processors
 - Intel® C621 chipset
 - 24 DIMM slots, Up to 6TB 3DS ECC DDR4-2933MHz† RDIMM/LRDIMM, Supports Intel® Optane™ DCPMM 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) Low-profile slots 1 SIOM card support (must bundle with network card)
 - 4 Hot-swap 2.5" NVMe/SATA3 , 2 Hot-swap 2.5" SATA3 drive bays; 1 M.2 SATA3 or NVMe support
 - IPMI 2.0 + KVM with dedicated LAN
 - Video via Aspeed AST2500 BMC
 - 4 Heavy duty 8cm PWM fans with air shroud
 - 2200W Redundant Power Supplies Titanium Level (96%)

Processor/Cache

Processor	Dual Socket P (LGA 3647), 2nd Gen. Intel® Xeon® Scalable Processors (Cascade Lake/Skylake), Dual UPI up to 10.4GT/s Support CPU TDP 70-205W, Up to 28 Cores Note : 200W/205W CPUs are supported under certain configurations. Please contact Tyrone Technical Support for additional information about specialized system optimization 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	24 DIMM slots, Up to 6TB 3DS ECC DDR4-2933MHz† RDIMM/LRDIMM, Supports Intel® Optane™ DCPMM 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.
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Expansion Slots

PCI-Express	2 PCI-E 3.0 (x16) Low-profile slots 1 SIOM card support (must bundle with network card)
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Integrated On-Board

SATA	Intel® C621 controller for SATA3 (6 Gbps) ports; RAID 0,1,5,10
LAN	1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card	Optional
Optical Drive	None

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" NVMe/SATA3 + 2 Hot-swap 2.5" SATA3 drive bays M.2 : 2 M.2 NVMe or SATA (2240/2260/2280)
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Power Supply

2200W Redundant Power Supplies, Titanium Level (96%)

Cooling System

4 Heavy duty 8cm PWM fans with air shroud

Form Factor

2U Rackmount	
Dimensions:	Width 17.6" (447mm), Height 3.47" (88mm), Depth 28.75" (730mm)

Email : info@tyronesystems.com

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