Tyrone Camarero Specifications

Tyrone

Camarero DS400NZ-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 and Intel® Xeon® Scalable Processors‡, 3 UPI up to 10.4GT/s, Support CPU TDP 70-205W
  NOTE : 200W/205W CPUs are supported under certain configurations, Please contact Tyrone Technical Support for
  additional information about specialized system optimization
- 24 DIMMs; up to 6TB 3DS ECC, DDR4-2933MHz† RDIMM/LRDIMM, Supports Intel® Optane™ DCPMM††
- 2 PCI-E 3.0 x16 (LP) slot
- 6 Hot-swap 2.5" NVMe drive bays; 2 M.2 SATA3 or NVMe support
- 1 Carrier Card slot (M.2 support)
- IPMI 2.0 + KVM with dedicated LAN
- Video via Aspeed AST2500 BMC
- 16 Heavy duty 40x56mm fans, with optimal fan speed control (4 fans per node)
- 2600W Redundant Power Supplies, Titanium Level (96%)

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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 70-205W NOTE : 200W/205W CPUs are supported under certain configurations, Please contact Tyrone Technical Support for additional information about specialized system optimization

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

Expansion Slots

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

Integrated Onboard

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 Controller	Optional
Optical Drive:	None

Front Panel

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

Drive Bays

HDD Bays	6 Hot-swap 2.5"" NVMe drive bays
M.2	2 M.2 NVMe or SATA (2240/2260/2280) via optional AOC-SMG3-2H8M2-B

Power Supply

2600W Redundant Power Supplies, Titanium Level (96%)

Cooling System

6x 4-pin fan headers (up to 6 fans), PWM fan speed control, Dual Cooling Zone

Form Factor

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