

Tyrone Camarero Specifications

Tyrone[®]

Camarero DS400NG16-1016RT

Key features



- AI / Deep Learning, High-performance Computing, Autonomous Vehicle Technology, Supports 16 V100 SXM3 GPUs
 - 10U Dual Processor (Intel) System with Up to 16 NVIDIA V100 GPUs
 - Dual Socket P (LGA 3647), Intel® Xeon® Scalable Processors, 3 UPI up to 10.4GT/s, Support CPU TDP 205W, Up to 28 Core , GPU Supports 16 V100 SXM3 350W
 - Intel® C621 chipset
 - 24 DIMM slots Up to 3TB 3DS ECC L/RDIMM, up to DDR4-2666MHz, Memory Type 2666/2400/2133MHz ECC DDR4 RDIMM/LRDIMM
 - 16 PCI-E 3.0 x16 for RDMA via IB EDR, 2 PCI-E 3.0 x16 on motherboard
 - Supports 16 V100 SXM3 350W GPUs with NVSwitch and NVLink
 - 16 Hot-swap 2.5" NVMe drive bays, 6 Hot-swap 2.5" SATA3 drive bays
 - M.2 Interface: 2 PCI-E 3.0 x4, Form Factors: 2280, 22110, Key: M-Key
 - Note : NVMe hot-swap feature doesn't work in Windows environment
 - 6x 80mm Hot-swap PWM Fans, 8x 92mm Hot-swap Fans
 - 6x (5+1) 3000W Redundant Power Supplies; Titanium Level (96%+)
- NOTE : To maintain quality and integrity, this product is sold only as a completely-assembled system (with minimum 2 CPUs, 512GB memory, 1 HDD, 16 GPUs installed).
- Service: Due to complexity, OSNBD3 is highly recommended.

Processor/Cache

Processor Dual Socket P (LGA 3647), Intel® Xeon® Scalable Processors, 3 UPI up to 10.4GT/s, Support CPU TDP 205W, Up to 28 Core , GPU Supports 16 V100 SXM3 350W

Chipset

Chipset Intel® C621 chipset

System Memory

Memory Capacity 24 DIMM slots Up to 3TB 3DS ECC L/RDIMM, up to DDR4-2666MHz, Memory Type 2666/2400/2133MHz ECC DDR4 RDIMM/LRDIMM

Expansion Slots

PCI-Express 16 PCI-E 3.0 x16 for RDMA via IB EDR, 2 PCI-E 3.0 x16 on motherboard

Integrated On-Board

SATA SATA3 (6Gbps) with RAID 0, 1, 5, 10

LAN 2 RJ45 10GBase-T LAN ports, 1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card Optional

Optical Drive None

Drive Bays

HDD Drives 16 Hot-swap 2.5" NVMe drive bays , 6 Hot-swap 2.5" SATA3 drive bays

M.2 : M.2 Interface: 2 PCI-E 3.0 x4, Form Factors: 2280, 22110, Key: M-Key

Note : NVMe hot-swap feature doesn't work in Windows environment

Power Supply

6x (5+1) 3000W Redundant Power Supplies; Titanium Level (96%+)

Cooling System

6x 80mm Hot-swap PWM Fans, 8x 92mm Hot-swap Fans

Form Factor

10U Rackmount

Dimensions: Height :17.2" (437mm),
Width:17.8" (452mm),
Depth : 27.75" (705mm)

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