Tyrone Camarero Specifications

Tyrone®

Camarero DS400TQV-12RT

Key features

- **Up to 4 NVIDIA® Tesla® V100 SXM2 GPUs, Up to 300 GB/s GPU-to-GPU NVIDIA® NVLINK™, Optimized for NVIDIA® GPUDirect™ RDMA**
- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Processors.Dual Socket P (LGA 3647) supported, CPU TDP support 205W, 3 UPI up to 10.4 GT/s
- Intel® C621 chipset
- Up to 3TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 3TB 3DS ECC LRDIMM, DDR4-2933MHz, in 12 DIMM slots;Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)
- 4 PCI-E 3.0 x16 slots
- 2 Hot-swap 2.5" SAS/SATA drive bays, 2 Internal 2.5" drive bays
- 2x 10GBase-T LAN ports via Intel X540
- 7 Heavy duty 4cm counter-rotating fans with air shroud & optimal fan speed control
- 2000W Redundant Power Supplies Titanium Level (96%)

intel inside XEON

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 205W, 3 UPI up to 10.4 GT/s

Chipset

Chipset	Intel® C621 chipset

System Memory

Memory Capacity	Up to 3TB 3DS ECC RDIMM, DDR4-2933 MHz; Up to 3TB 3DS ECC LRDIMM, DDR4-2933MHz, in 12 DIMM slots;Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)

Expansion Slots

PCI-Express	4 PCI-E 3.0 x16 slots

Integrated On-Board

SATA	4 SATA3 (6Gbps) with RAID 0, 1, 5, 10
LAN	2 RJ45 10GBase-T ports, 1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid	Optional
Optical Drive	None

Front Panel

LED Indicators	Power LED, Hard drive activity LED, Network activity LEDs, System Overheat LED / Fan fail LED /UID LED
Buttons	Power On/Off button,UID button

Drive Bays

HDD bays	2 Hot-swap 2.5"" SAS/SATA drive bays Note: Can be upgraded to 2 U.2 NVMe drives by addition of optional NVMe kit (please see details in optional parts list below). Fixed :2 Internal 2.5"" SATA drive bays M.2 : Support 1x M.2 2242/2260/2280, Support M.2 SATA and NVMe

Power Supply

2000W Redundant Power Supplies Titanium Level (96%)

Cooling System

7 Heavy duty 4cm counter-rotating fans with air shroud & optimal fan speed control

Form Factor

Form Factor	1U Rackmount
Height :	1.7" (43mm),
Width :	17.2" (437 mm),
Depth :	35.2" (894mm), 39.3" (997mm) with rails

Email : info@tyronesystems.com

For more/current product information, visit

www.tyronesystems.com