

Tyrone Camarero Specifications

Tyrone[®]

Camarero DS400TQV-416RT

Key features

- **Artificial Intelligence ,Big Data Analytics ,High-performance Computing, Research Lab/Nati Lab ,Astrophysics, Business Intelligence**
- 2nd Generation Intel® Xeon® Scalable Processors (Cascade Lake-SP), Intel® Xeon® Scalable Dual Socket P (LGA 3647) supported, CPU TDP support 205W, 3 UPI up to 10.4 GT/s
- Intel® C621 chipset
- Up to 6TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 6TB 3DS ECC LRDIMM, DDR4-2933MHz, in 24 DIMM slots (2933MHz in two DIMMs per channel supported on Rev 1.10 MB only) ;Up to 6TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)
- 4 PCI-E 3.0 x16 (LP) (GPU tray for GPUDirect RDMA), 2 PCI-E 3.0 x16 (LP, CPU tray)
- Support 8 Tesla V100 with 300GB/s NVLINK
- Dual 10GBase-T LAN with Intel® X540
- 16 Hot-swap 2.5" SAS/SATA drives (Optional 8x NVMe drives supported), 2 NVMe based M.2 SSD
- 8x 92mm cooling fans
- 2200W Redundant (2+2) Power Supplies; Titanium Level (96%+)



Processor/Cache		Drive Bays	
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	HDD bays	16 Hot-swap 2.5" SAS/SATA drive bays, Optional 8x 2.5" NVMe supported
		M.2	2 NVMe based M.2 SSD,Form Factors: 2260, 2280, 22110
Chipset		GPU Support	
Chipset	Intel® C621 chipset	NVIDIA Tesla V100 SXM2 GPU	
System Memory		Power Supply	
Memory Capacity	Up to 6TB 3DS ECC RDIMM, DDR4-2933 MHz; Up to 6TB 3DS ECC LRDIMM, DDR4-2933MHz, in 24 DIMM slots (2933MHz in two DIMMs per channel supported on Rev 1.10 MB only) ;Up to 6TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only)	2200W Redundant (2+2) Power Supplies; Titanium Level (96%+)	
Expansion Slots		Cooling System	
PCI-Express	4 PCI-E 3.0 x16 (LP, GPU tray for GPUDirect RDMA) slots,2 PCI-E 3.0 x16 (LP, CPU tray) slots or up to 8x 2.5" NVMe Storage Devices	8x 92mm Cooling Fans, 4x 80mm Cooling Fans	
Integrated On-Board		Form Factor	
SATA	SATA3 (6Gbps) with RAID 0, 1, 5, 10	Form Factor	4U Rackmount
LAN	2 RJ45 10GBase-T LAN ports, 1 RJ45 Dedicated IPMI LAN port	Height	: 7.0" (178mm)
		Width	: 17.6" (447mm)
		Depth	: 31.7" (805mm)
Add-on Options		<p>Email : info@tyronesystems.com</p> <p>For more/current product information, visit</p> <p>www.tyronesystems.com</p>	
Raid card	Optional		
Optical Drive	None		