

Tyrone Camarero Specifications

Tyrone

Camarero DS400TOG-424RT2

Key features

- **Artificial Intelligence, Big Data Analytics, High-performance Computing, Research Lab/National 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® C622 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);
- 11 PCI-E 3.0 x16 (FH, FL) slots,1 PCI-E 3.0 x8 (FH, FL in x16 slot)
- Up to 24 Hot-swap 2.5" drive bays,8x 2.5" drives supported natively
- 2x 10GBase-T LAN ports via Intel C622
- 8 Hot-swap 92mm RPM cooling fans
- 2000W (2+2) Redundant Power Supplies Titanium Level (96%+)



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® C622 chipset
System Memory	
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);
Expansion Slots	
PCI-Express	11 PCI-E 3.0 x16 (FH, FL) slots,1 PCI-E 3.0 x8 (FH, FL in x16 slot)
Integrated On-Board	
SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10SATA3 (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 bays	Up to 24x 2.5" SAS/SATA drive bays,8x 2.5" SATA supported natively 2x 2.5" NVMe supported natively M.2 :1 NVMe based M.2 SSD, Form Factors: 2260, 2280, 22110
Power Supply	
2000W Redundant Power Supplies with PMBus	
Cooling System	
8 Hot-swap 92mm RPM cooling fans,1 Air Shroud (MCP-310-41808-0B)	
Form Factor	
Form Factor	4U Rackmount
Height	: 7.0" (178mm),
Width	: 17.2" (437mm),
Depth	: 29" (737mm)
Email : info@tyronesystems.com	
For more/current product information, visit www.tyronesystems.com	