

Tyrone Camarero Specifications

Camarero DS4007R-424RT

Key features

- **Corporate Database, Database Processing & Storage, Enterprise Server, HPC, Data Center. iSCSI SAN**
- 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® C622
- Up to 4TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-2933MHz, in 16 DIMM slots; Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only);
- 3 PCI-E 3.0 x16, 4 PCI-E 3.0 x8 (slot 2 & 3 occupied by controller and JBOD expansion port)
- 24 Hot-swap 3.5" SAS3/SATA3 direct attached drive bays
- Broadcom 3108 SAS3 AOC
- 2x 10GBase-T LAN ports with Intel X557
- Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN
- 3 Hot-swap 8cm redundant PWM cooling fans, 2 hot-swap 8cm rear exhaust PWM fans
- 1200W Redundant Power Supplies Titanium Level (96%)



Processor/Cache		Front Panel	
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	Led's	Power status LED, Hard drive activity LED, Network activity LEDs, System Overheat LED, Power fail LED
Chipset	Intel® C622	Buttons	Power On/Off button, System Reset button
System Memory		Drive Bays	
Memory Capacity	Up to 4TB 3DS ECC RDIMM, DDR4-2933MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-2933MHz, in 16 DIMM slots; Up to 2TB Intel® Optane™ DC Persistent Memory in memory mode (Cascade Lake only).	HDD bays	24 Hot-swap 3.5" SAS3/SATA3 drive bays
Expansion Slots	3 PCI-E 3.0 x16, 4 PCI-E 3.0 x8 (slot 2 & 3 occupied by controller and JBOD expansion port)	Optional	2 Optional Onboard NVMe M.2
Integrated On-Board		Power Supply	
SAS	SAS3 (12Gbps) via Broadcom 3108 AOC; HW RAID. RAID 0, 1, 5, 6, 10, 50, 60	1200W Redundant Power Supplies Titanium Level (96%)	
SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10	Cooling System	
LAN	2 RJ45 10GBase-T LAN ports, 1 RJ45 Dedicated IPMI LAN port	3 Hot-swap 8cm redundant PWM cooling fans, 2 hot-swap 8cm rear exhaust PWM fans	
Add-on Options		Form Factor	
Optical Drive	None	Form Factor	4U Rackmount
		Height-	7" (178mm),
		Width-	17.2" (437mm),
		Depth-	26.5" (673mm)
		<p>Email : info@tyronesystems.com</p> <p>For more/current product information, visit</p> <p>www.tyronesystems.com</p>	