

Tyrone Camarero Specifications



Camarero DS4007R-212RT

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® C624 chipset
- 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)
- 12 Hot-swap 3.5" SAS3/SATA3 direct attached drive bays
- Broadcom 3108 SAS3 AOC
- 2x 10GBase-T LAN ports with Intel X722 + PHY Intel X557
- Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN
- 3 Hot-swap 8cm redundant 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 Indicators	Power status LED, Hard drive activity LED, Network activity LEDs, System Overheat LED, Power fail LED
Chipset	Intel® C624 chipset	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	12 Hot-swap 3.5" SAS3/SATA3 direct attached drive bays
Expansion Slots		Optional	2 Optional Onboard NVMe M.2
PCI-Express	3 PCI-E 3.0 x16, 4 PCI-E 3.0 x8 (slot 2 & 3 occupied by controller)	Power Supply	
Integrated On-Board		1200W Redundant Power Supplies Titanium Level (96%)	
SAS	SAS3 (12Gbps) via Broadcom 3108 AOC; HW RAID RAID 0, 1, 5, 6, 10, 50, 60	Cooling System	
SATA	SATA3 (6Gbps); RAID 0, 1, 5, 10	3 Hot-swap 8cm redundant PWM cooling fans	
LAN	2 RJ45 10GBase-T LAN ports, 1 RJ45 Dedicated IPMI LAN port	Form Factor	
Add-on Options		Form Factor	2U Rackmount
Optical Drive	None	Height	: 3.5" (89mm),
		Width	: 17.2" (437mm),
		Depth	: 24.8" (630mm)

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For more/current product information, visit

www.tyronesystems.com