

Tyrone Camarero Specifications

Tyrone

Camarero DS4007E1R-224RT

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 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 and JBOD expansion port)
- 24 Hot-swap 2.5" 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

| | |
|-----------|--|
| 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 |
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Chipset

| | |
|---------|---------------------|
| Chipset | Intel® C622 chipset |
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System Memory

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|-----------------|--|
| 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); |
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Expansion Slots

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|-------------|---|
| PCI-Express | 3 PCI-E 3.0 x16 slot, 4 PCI-E 3.0 x8 slots, Slot 2 & 3 occupied by controller and JBOD expansion port |
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Integrated On-Board

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|------|---|
| SAS | SAS3 (12Gbps) via Broadcom 3108 AOC; HW RAID, RAID 0, 1, 5, 6, 10, 50, 60 |
| SATA | SATA3 (6Gbps); RAID 0, 1, 5, 10 |
| LAN | 2 RJ45 10GBase-T LAN ports, 1 RJ45 Dedicated IPMI LAN port |

Add-on Options

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| Optical Drive | None |
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Front Panel

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| Led's | Power status LED, Hard drive activity LED, Network activity LEDs, System Overheat LED, Power fail LED |
| Buttons | Power On/Off button, System Reset button |

Drive Bays

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| HDD bays | 24 Hot-swap 2.5" SAS3/SATA3 drive bays, 2 Optional Onboard NVMe M.2 |
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Power Supply

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|--------------|---|
| Power Supply | 1200W Redundant Power Supplies Titanium Level (96%) |
|--------------|---|

Cooling System

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|----------------|---|
| Cooling System | 3 Hot-swap 8cm redundant PWM cooling fans |
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Form Factor

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|-------------|------------------|
| Form Factor | 2U Rackmount |
| 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