

Tyrone Camarero Specifications

Tyrone®

Camarero DS300TR-316R4

Key features

- Dual socket R3 (LGA 2011) supports Intel® Xeon® processor E5-2600 v4/v3 family
- Intel® C612 chipset
- Upto 3TB ECC 3DS LRDIMM, up to DDR4-2400 MHz; 24x DIMM slots
- 2x PCI-E 3.0 x16, 3x PCI-E 3.0 x8, and 1x PCI-E 2.0 x4 (in x8) slot
- Quad LAN w/ Intel® i350 GbE
- 10x SATA3 (6Gbps) ports w/ Intel C612 controller; RAID 0, 1, 5, 10
- 8xSAS3 (12Gbps) ports w/Broadcom 3108 controller; RAID 0, 1, 5, 6, 10, 50, 60 SuperCap option support
- Integrated IPMI 2.0 and KVM with Dedicated LAN
- 5x USB 3.0 (2 rear, 2 front panel, 1 Type A), 4x USB 2.0 ports (2 rear, 2 front panel)
- 16 x 3.5" hot-swap SAS/SATA drive bay with SES2, optional 2 x 2.5" hot-swap drive bay
- 3x8cm hot-swap redundant PWM cooling fan(s), 2x8cm hot-swap exhaust fan(s) & air shroud
- 800/1000W Redundant Titanium Single Output Power Supply W/PMbus



Processor/Cache

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|-----------|--|
| Processor | Dual socket R3 (LGA 2011) supports Intel® Xeon® processor E5-2600 v4/v3 family |
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Chipset

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| Chipset | Intel® C612 chipset |
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System Memory

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| Memory Capacity | 24x 288-pin DDR4 DIMM slots, Up to 3TB ECC 3DS LRDIMM, 768GB ECC RDIMM |
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Expansion Slots

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| PCI-Express | 2x PCI-E 3.0 x16, 3x PCI-E 3.0 x8, and 1x PCI-E 2.0 x4 (in x8) slot |
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Integrated On-Board

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| SAS | Broadcom 3108 SAS3 (12Gbps) controller; HW RAID 0, 1, 5, 6, 10, 50, 60. 2GB Cache with optional SuperCap backup module. Supports up to 16 devices as default, more HDD devices support is also available as an option |
| SATA | SATA3 (6Gbps); RAID 0, 1, 5, 10 |
| LAN | 4x RJ45 Gigabit Ethernet LAN ports, 1x RJ45 Dedicated IPMI LAN port |

Add-on Options

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| Optical Drive | Optional |
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Front Panel

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| LED Indicators | 2 Network Activity LEDs, HDD activity LED, Power Status LED, Power Fail LED, System Information LED |
| Buttons | Power On/Off button, System Reset Button |

Drive Bays

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| HDD bays | 16 x 3.5" hot-swap SAS/SATA drive bay with SES2, optional 2 x 2.5" hot-swap drive bay |
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Power Supply

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| 800/1000W Redundant Titanium Single Output Power Supply W/PMbus |
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Cooling System

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| 3x8cm hot-swap redundant PWM cooling fan(s), 2x8cm hot-swap exhaust fan(s) & air shroud |
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Form Factor

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|-------------|-------------------|
| Form Factor | 3U Rackmount |
| Height | : 5.2" (132 mm) , |
| Width | : 17.2" (437 mm), |
| Depth | : 25.5" (647 mm) |

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**For more/current product information, visit
www.tyronesystems.com**