

Tyrone Camarero Specifications

Tyrone®

Camarero SS300TR-316RL

Key features

- Single socket R3 (LGA 2011) supports Intel® Xeon® processor E5-2600 v4/ v3, E5-1600 v4/ v3, Core i7
- Intel® C612 chipset
- Up to 512GB ECC DDR4 2400 MHz LRDIMM or 128GB ECC/non-ECC UDIMM (available with Core i7 only); 8x DIMM slots
- 4 PCI-E 3.0 x16 (run at 16/16/NA/8 or 16/8/8/8), 2 PCI-E 2.0 x1 (in x4)
- Intel® i210-AT Dual port GbE LAN Shared with IPMI
- 10x SATA3 (6Gbps)
- 1x VGA (Aspeed AST 2400 BMC for IPMI), 1x COM, 1x TPM
- 8x USB 3.0 ports (6 rear + 2 via header)
- HD Audio 7.1 channel connector by Realtek ALC1150
- 16 x 3.5" hot-swap SAS/SATA drive bay with SES2, Optional 2 x 2.5" hot-swap drive bay
- 3 x 8cm hot-swap redundant PWM cooling fan(s), 2 x 8cm hot-swap exhaust fan(s) & air shroud
- 800/1000W Redundant Titanium Single Output Power Supply W/PMbus



Processor/Cache

Processor	Single socket R3 (LGA 2011) supports Intel® Xeon® processor E5-2600 v4/ v3, E5-1600 v4/ v3, Core i7
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Chipset

Chipset	Intel® C612 chipset
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System Memory

Memory Capacity	8x 288-pin DDR4 DIMM slots, Up to 1TB ECC 3DS LRDIMM, Up to 512GB ECC LRDIMM, Up to 256GB ECC RDIMM, Up to 128GB DDR4 ECC/ non-ECC UDIMM (available with Core i7 only)
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Expansion Slots

PCI-Express	4 PCI-E 3.0 x16 (run at 16/16/NA/8 or 16/8/8/8), 2 PCI-E 2.0 x1 (in x4)
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Integrated On-Board

SATA	SATA3 (6Gbps) via C612 controller RAID 0, 1, 5, 10 support
LAN	2x RJ45 Gigabit Ethernet LAN ports Shared with IPMI

Add-on Options

Raid Card	Optional
Optical Drive	Optional

Front Panel

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

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

800/1000W Redundant Titanium Single Output Power Supply W/PMbus

Cooling System

3 x 8cm hot-swap redundant PWM cooling fan(s), 2 x 8cm hot-swap exhaust fan(s) & air shroud

Form Factor

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**