

# Tyrone Camarero Specifications

**Tyrone**<sup>®</sup>

## Camarero DSA700TR-28R

### Key features

- Dual AMD EPYC™ 7001/7002\* series Processors (\*Board revision 2.x required), Socket SP3, Up to 240W TDP, Up to 32 Cores, Up to 64 Cores (Board revision 2.x required)
- System on Chip
- 16 DIMM sockets, Supports up to 2TB Registered ECC DDR4 2666MHz SDRAM in 16 DIMMs  
Supports up to 4TB Registered ECC DDR4 3200MHz SDRAM (Board revision 2.x required)
- 8-channel memory bus, DDR4 2666 MHz Registered ECC, 288-pin gold-plated DIMMs  
DDR4 3200 MHz Registered ECC, 288-pin gold-plated DIMMs (Board revision 2.x required)"
- 3 PCI-E 3.0 x8, 2 PCI-E 3.0 x16, Interface: 1 SATA/PCI-E 3.0 x2  
(Platform with EPYC 7002 processor only supports PCI-E type M.2 module), Form factor: 2280, 22110, Key: M-key"
- 10 SATA3, 1 M.2, 2 SATA DOM
- Dual Gigabit Ethernet LAN Ports
- ASPEED AST2500 BMC graphics
- Up to 2 USB 3.0 ports, Up to 4 USB 2.0 ports
- 8 4-pin PWM Fan & Speed control
- 8 x 3.5" hot-swap SAS3/SATA drive bay, 2 x 3.5" fixed drive bay
- 3 x 80mm Hot-swap PWM Fans
- 800W Redundant Power Supply 76mm width, W/PMbus, Titanium



### Processor/Cache

Processor	Dual AMD EPYC™ 7001/7002* series Processors (*Board revision 2.x required), Socket SP3, Up to 240W TDP, Up to 32 Cores, Up to 64 Cores (Board revision 2.x required)
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### Chipset

Chipset	System on Chip
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### System Memory

Memory Capacity	16 DIMM sockets, Supports up to 2TB Registered ECC DDR4 2666MHz SDRAM in 16 DIMMs Supports up to 4TB Registered ECC DDR4 3200MHz SDRAM (Board revision 2.x required) 8-channel memory bus, DDR4 2666 MHz Registered ECC, 288-pin gold-plated DIMMs DDR4 3200 MHz Registered ECC, 288-pin gold-plated DIMMs (Board revision 2.x required)
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### Expansion Slots

PCI-Express	3 PCI-E 3.0 x8, 2 PCI-E 3.0 x16, Interface: 1 SATA/PCI-E 3.0 x2 (Platform with EPYC 7002 processor only supports PCI-E type M.2 module), Form factor: 2280, 22110, Key: M-key"
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### Integrated On-Board

SATA	10 SATA3 (6 Gbps) ports
LAN:	2 RJ45 Gigabit Ethernet LAN ports, 1 RJ45 Dedicated IPMI LAN port

### Add-on Options

Raid Card	Optional
Optical Drive	Optional

### Front Panel

LED s	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	8 x 3.5" hot-swap SAS3/SATA drive bay, 2 x 3.5" fixed drive bay
Peripheral Bays	Optional 1 x slim DVD-ROM drive bay, Optional 2 x USB 2.0 ports, Optional 1 x COM port tray, Optional 2 x USB 3.0 ports

### Power Supply

800W Redundant Power Supply 76mm width, W/PMbus, Titanium
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### Cooling System

3 x 80mm Hot-swap PWM Fans
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### Form Factor

Form Factor	2U Rackmount
Dimensions:	Height : 3.5" (89 mm), Width : 17.2" (437 mm), Depth : 25.5" (647 mm)

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**For more/current product information, visit  
[www.tyronesystems.com](http://www.tyronesystems.com)**