

Tyrone Camarero Specifications

Tyrone

Camarero DSA70TR-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)
Chipset	
Chipset	System on Chip
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)
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"
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	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
Cooling System	
	3 x 80mm Hot-swap PWM Fans
Form Factor	
Form Factor	2U Rackmount
Dimensions:	Height : 3.5" (89 mm), Width : 17.2" (437 mm), Depth : 25.5" (647 mm)
<p>Email : info@tyronesystems.com</p> <p>For more/current product information, visit www.tyronesystems.com</p>	