Tyrone Camarero Specifications

Camarero DSA70TR-224R

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
- 24 x 2.5" hot-swap SAS/SATA drive bay, optional 2 x 2.5" hot-swap drive bay
- 3 x 8cm high-performance PWM fan(s) Optional 5 x 6cm 4pin high performance fan(s)
- 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm

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	None

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	24 x 2.5"" hot-swap SAS/SATA drive bay, optional 2 x 2.5"" hot-swap drive bay

Power Supply

1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm

Cooling System

3 x 8cm high-performance PWM fan(s), Optional 5 x 6cm 4pin high performance fan(s)

Form Factor

Form Factor	2U Rackmount
Dimensions:	Height : 3.5" (89 mm), Width : 17.2" (437 mm), Depth : 24.8" (630 mm)