Tyrone Camarero Specifications

Camarero DSA700TR-212R4

Key features

- **Virtualization, Hyperconverge Storage,Cloud Computing, High End Enterprise Server, Flexible Networking Options**
- Dual AMD EPYC™ 7001/7002* series Processors (Up to 225W and board revision 2.x required), Up to 32 Cores,Up to 64 Cores (Board revision 2.x required)
- System on Chip (SoC)
- Up to 4TB Registered ECC DDR4 2666MHz SDRAM in 32 DIMMs
- **1 PCI-E 3.0 x16 slot (FH, 10.5" L) , 5 PCI-E 3.0 x8 slots (FH, 9.5" L) , 1 PCI-E 3.0 x8 slot (LP) , 1 PCI-E 3.0 x8 (internal LP).**
- Integrated IPMI 2.0 + KVM with dedicated LAN
- 3 USB 3.0 ports (2 rear + 1 Type A),VGA, Serial port
- Quad Gigabit LAN ports via Intel i350AM4
- 12 hot-swap 3.5" Drive Bays: 12 SATA3 by default or 8 SATA3 + NVMe (optional supported) or 12 SAS3 (SAS Add-on card is optional)
- 4 heavy-duty PWM fans with optimal fan speed control
- 1600W Redundant Power Supplies Titanium Level (96%+)
- Optional Supports 2GPU.

Processor/Cache

Processor	Dual AMD EPYC™ 7001/7002* series Processors (Up to 225W and board revision 2.x required),Up to 32 Cores,Up to 64 Cores (Board revision 2.x required)

Chipset

Chipset	System on Chip (SoC)

System Memory

Memory Capacity	32 DIMM sockets, Supports up to 4TB Registered ECC DDR4 2666MHz SDRAM in 32 DIMMs

Expansion Slots

PCI-Express	1 PCI-E 3.0 x16 slot (FH, 10.5" L) , 5 PCI-E 3.0 x8 slots (FH, 9.5" L) , 1 PCI-E 3.0 x8 slot (LP) , 1 PCI-E 3.0 x8 (internal LP)

Integrated On-Board

SATA	SATA3 (6 Gbps)
LAN	Quad Gigabit LAN ports, 1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card	Optional
Optical Drive	None
Ports	3 USB 3.0 ports (2 rear + 1 Type A), VGA, Serial port

Front Panel

LED Indicators	Power LED,Hard drive activity LED,2x Network activity LEDs,System Overheat LED / Fan fail LED / UID LED
Buttons	Power On/Off button, System Reset button

Drive Bays

HDD bays	12 hot-swap 3.5" Drive Bays: 12 SATA3 by default or 8 SATA3 + NVMe (optional supported) or 12 SAS3 (SAS Add-on card is optional)

Power Supply

1600W Redundant Power Supplies Titanium Level (96%+)

Cooling System

4 heavy-duty PWM fans with optimal fan speed control

Form Factor

Form Factor	2U Rackmount
Width:	17.2" (437mm) ,
Height:	3 .5" (89mm),
Depth:	28.46" (723mm)