Tyrone Camarero Specifications

Camarero DSA700TN-224RT

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
- Expansion slots : 2 PCI-E 3.0 x16;3 PCI-E 3.0 x8;M.2 Interface: 1 SATA/PCI-E 3.0 x2;M.2 Form Factor: 2280, 22110;M.2 Key: M-key
- 10 SATA3, 1 M.2, 2 SATA DOM
- Dual 10GBase-T 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-port 2U SAS3 12Gbps single-expander backplane, support up to 20x 2.5-inch SAS3/SATA3 HDD/SSD and 4x NVMe/SAS3/SATA3 storage devices
- 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

Expansion Slots

PCI-Express	2 PCI-E 3.0 x16;3 PCI-E 3.0 x8;M.2 Interface: 1 SATA/PCI-E 3.0 x2;M.2 Form Factor: 2280, 22110;M.2 Key: M-key

Integrated Onboard

SATA	SATA3 (6 Gbps)
LAN	2 RJ45 10GBase-T ports;1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card:	Optional
Optical Drive:	None

Front Panel

Front Panel	2 Network Activity LEDs, Fan Fail/System Over Heat LED, HDD activity LED, Power Status LED, Unit Identification (UID) 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)