Tyrone Camarero Specifications

Camarero DSA70TUN-224RT

Key features

Virtualization, Cloud Computing, High-End Enterprise Server, Hyperconverged Storage

- Dual AMD EPYC™ 7003/7002 Series Processors, (7003 Series Processor drop-in support requires BIOS version 2.0 or newer) Socket SP3, Supports CPU TDP up to 280W, Up to 64 Cores
- System on Chip
- 32 DIMM slots, Supports up to 8TB Registered ECC DDR4 3200MHz SDRAM, 8-channel memory bus
- 1 PCI-E 4.0 x16 slot (FH, 9.5" L)(Both CPUs need to be installed for full access to PCI-E slots and onboard controllers)
- Integrated IPMI 2.0 + KVM with dedicated LAN
- Dual-port 10GBase-T and Dual-port 10G SFP+via Intel® X710-TM4
- 24 hot-swap 2.5" U.2 NVMe drive bays, Up to 24 SAS/SATA drives supported via optional SAS kit
- 4 heavy-duty PWM fans with optimal fan speed control, Air Shroud, 1 Air Shroud
- 1600W Redundant Power Supplies with PMBus

Processor/Cache

Processor	Dual AMD EPYC™ 7003/7002 Series Processors, (7003 Series Processor drop-in support requires BIOS version 2.0 or newer) Socket SP3, Supports CPU TDP up to 280W, Up to 64 Cores

Chipset

Chipset	System on Chip

System Memory

Memory Capacity	32 DIMM slots, Supports up to 8TB Registered ECC DDR4 3200MHz SDRAM, 8-channel memory bus

Expansion Slots

PCI-Express	1 PCI-E 4.0 x16 slot (FH, 9.5" L)(Both CPUs need to be installed for full access to PCI-E slots and onboard controllers)

Integrated Onboard

LAN	Dual 10GBase-T LAN ports, Dual 10G SFP+ LAN ports, 1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card:	None
Optical Drive:	None

Front Panel

LEDs	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	24 hot-swap 2.5" U.2 NVMe drive bays Up to 24 SAS/SATA drives supported via optional SAS kit

Power Supply

1600W Redundant Power Supplies with PMBus

Cooling System

4 heavy-duty PWM fans with optimal fan speed control, Air Shroud, 1 Air Shroud

Form Factor

Form Factor	2u Rackmount
Dimensions	Height : 3.5" (89mm), Width : 17.2" (437mm), Depth : 28.46" (723mm)