Tyrone Camarero Specifications

Tyrone®

Camarero DSA700TU-212RT

Key features

Virtualization, Cloud Computing, High End Enterprise Server, Hyperconverged Storage, Flexdible Networking Options

- 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 Note : Certain CPUs with high TDP higher than 225W may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized system optimization
- System on Chip (SoC)
- 8TB Registered ECC DDR4 3200MHz SDRAM in 32 DIMMs
- Expansion slots:2 PCI-E 4.0 x16 (FH, 10.5" L) slots,1 PCI-E 4.0 x16 (FH, 9.5" L) slot,, 1 PCI-E 4.0 x16 (LP) slot,1 PCI-E 4.0 x8 (FH, 9.5" L, in x16) slot,1 PCI-E 4.0 x8 (internal LP in x16) slot
- Dual 10GBase-T LAN ports via Intel® X710-AT2
- Integrated IPMI 2.0 + KVM with dedicated LAN • Software Out of Band License, key (SFT-OOB-LIC) included for OOB BIOS managemen"
- 12 hot-swap 3.5"" Drive Bays:2 SATA3 by default or 8 SATA3 + 4 NVMe via optional tray or 12 SAS3 via optional SAS kit"
- 4 heavy-duty PWM fans with optimal fan speed control
- 1600W Redundant Power Supplies Titanium Level (96%+) (Full redundancy based on configuration and application load)

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 Note : Certain CPUs with high TDP higher than 225W may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized system optimization |

Chipset

System on Chip

System Memory

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

Expansion Slot

Expansion slots:2 PCI-E 4.0 x16 (FH, 10.5" L) slots,1 PCI-E 4.0 x16 (FH, 9.5" L) slot,,1 PCI-E 4.0 x16 (LP) slot,1 PCI-E 4.0 x8 (FH, 9.5" L, in x16) slot,1 PCI-E 4.0 x8 (internal LP in x16) slot

Integrated Onboard

SATA:	12 SATA3 (6 Gbps) ports
LAN:	Dual 10GBase-T LAN ports via Intel® X710-AT2 1 RJ45 Dedicated IPMI LAN por

Add-on Options

Raid Card:	Optional
Optical Drive:	None

Drive Bays

| HDD Bays | 12 hot-swap 3.5"" Drive Bays:2 SATA3 by default or 8 SATA3 + 4 NVMe via optional tray or 12 SAS3 via optional SAS kit" |

Power Supply

1600W Redundant Power Supplies Titanium Level (96%+) (Full redundancy based on configuration and application load)

Cooling System

4 heavy-duty PWM fans with optimal fan speed control

Form Factor

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