Tyrone Camarero Specifications

Camarero DSA700TU-14RT

Key features

Virtualization, Cloud Computing, High End Enterprise Server

- 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)
- 32 DIMM slots, Supports up to 8TB Registered ECC DDR4 3200MHz SDRAM, 8-channel memory bus
- 2 PCI-E 4.0 x16 (FH / 9.5"L) slots, 1 PCI-E 4.0 x16 (LP) slot, 1 PCI-E 4.0 x16 (internal proprietary LP slot)
- Integrated IPMI 2.0 + KVM with dedicated LAN
- Dual 10GBase-T LAN ports via Intel© X710-AT2
- 4 hot-swap 3.5" SATA3 by default or 4 NVMe (via optional drive tray) or 4 SAS3 (via optional SAS kit)
- 8 heavy-duty PWM fans with optimal fan speed control,2 Air Shroud
- 1000W 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 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

Chipset	System on Chip (SoC)

System Memory

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

Expansion Slots

PCI-Express	5 PCI-E 4.0 x16, 2 PCI-E 4.0 x8 M.2 Interface: 2 PCI-E 4.0 x4, Form factor: 2280, 22110, Key: M-key

Integrated Onboard

SATA	4 SATA3 (6 Gbps) ports
SAS	12 SAS3 ports support via optional SAS kit
LAN	Dual 10GBase-T LAN ports via Intel© X710-AT2 , 1 RJ45 Dedicated IPMI LAN por

Add-on Options

Optical Drive:	None

Front Panel

Front Panel	Power LED, hard drive activity LED, 2 X network activity LEDs, system overheat LED/ fan fail LED/ UID LED
Buttons	Power on/off button, system reset button

Drive Bays

HDD Bays	4 hot-swap 3.5" SATA3 by default or 4 NVMe (via optional drive tray) or 4 SAS3 (via optional SAS kit)

Power Supply

1000W Redundant Power Supplies with PMBus

Cooling System

8 heavy-duty PWM fans with optimal fan speed control,2 Air Shroud

Form Factor

Form Factor	1U Rackmount
Dimensions:	Height : 1.7" (43mm, Width : 17.2" (437mm), Depth :29" (737mm)