

Tyrone Camarero Specifications

Tyrone®

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
- Optional : Quad 1G port, Optional : 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	Optional : Quad 1G port, Optional : Dual 10GBase -T LAN ports via intel X710-AT2

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)

Email : info@tyronesystems.com

For more/current product information, visit
www.tyronesystems.com