Tyrone Camarero Specifications

Tyrone®

Camarero SSA720TR-48RL

Key features

- Single AMD EPYC™ 7003/7002 Series Processor(7003 Series Processor drop-in support requires BIOS version 2.0 or newer) Socket SP3, Up to 64 Cores
- System on Chip
- 2TB Registered ECC DDR4 3200MHz SDRAM in 8 DIMMs
  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
- 8 SATA3, 2 M.2,8 SATA3 or 2 NVMe via single SlimSAS x8
- 2 Gigabit Ethernet LAN Ports
- ASPEED AST2500 BMC graphics
- Up to 6 USB 3.0 portS (4 rear + 2 via header)
- 7 PWM 4-pin Fans with tachometer status monitoring
- 8x 3.5" SAS3/SATA3 Backplane for Hot-Swappable Drives
- 2 x 80mm PWM Rear Chassis Fans, 9.4k RPM, 3 x 80mm high-performance fan(s), 9.4k RPM
- 920W /1200W /1280W (1 + 1) Redundant Power Supply

EPYC

Processor/Cache

Processor	Single AMD EPYC™ 7003/7002 Series Processor (7003 Series Processor drop-in support requires BIOS version 2.0 or newer) Socket SP3, Up to 64 Cores

Chipset

Chipset	System on Chip

System Memory

Memory Capacity	2TB Registered ECC DDR4 3200MHz SDRAM in 8 DIMMs

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

Add-on Options

Raid Card:	Optional
Optical Drive:	Optional

Front Panel

LEDs :	2 Network Activity LEDs, HDD activity LED , Power Status LED, Power Fail LED, System Information
Buttons :	Power On/Off button;System Reset Button

Drive Bays

HDD Bays	"8 x 3.5"" hot-swap SAS/SATA drive bay with SGPIO

Peripheral Drives : 3 x standard 5.25"" drive bay

Power Supply

920W /1200W /1280W (1 + 1) Redundant Power Supply

Cooling System

2 x 80mm PWM Rear Chassis Fans, 9.4k RPM,
3 x 80mm high-performance fan(s), 9.4k RPM

Form Factor

Form Factor	4U Rackmount
Dimensions:	Height : 17.8"" (452 mm), Width : 7"" (178 mm) , Depth : 25.5"" (647 mm)