

Tyrone Camarero Specifications

Tyrone[®]

Camarero SSA700TR-14L

Key features

- Single AMD EPYC™ 7001/7002* series Processor (*Board revision 2.x required) Socket SP3 Supports CPU TDP 225W / cTDP up to 240W
Up to 32 Cores (Board revision 1.x + 7001 Processors), Up to 64 Cores (Board revision 2.x + 7002 Processors)
- System on Chip (SoC)
- 8 DIMM slots, Supports up to 1TB Registered ECC DDR4 2666MHz SDRAM in 8 DIMMs, Supports up to 2TB Registered ECC DDR4 3200MHz SDRAM (Board revision 2.x required) ,8-channel memory bus
- 3 PCI-E 3.0 x16, 3 PCI-E 3.0 x8, M.2 Interface: 1 PCI-E 3.0 x4, M.2 Form Factor: 2280, 22110, M.2 Key: M-key
- 16 SATA3, 1 M.2
- Dual Gigabit Ethernet LAN Ports
- ASPEED AST2500 BMC graphics
- Up to 5 USB 3.0 ports (2 rear + 2 via header + 1 Type A), Up to 4 USB 2.0 ports, (2 rear + 2 via header)
- 7 PWM 4-pin Fans with tachometer status monitoring
- 4 x 3.5" hot-swap SAS/SATA
- 4-Port 12Gbps Backplane Support 4x3.5
- 4 x 40x28mm PWM fan(s), Optional 2 x 40x28mm PWM fan(s)
- 350W Multi-output power supply Platinum level



Processor/Cache

Processor	Single AMD EPYC™ 7001/7002* series Processor (*Board revision 2.x required), Socket SP3, Up to 32 Cores, Up to 64 Cores (Board revision 2.x required)
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Chipset

Chipset	System on Chip (SoC)
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System Memory

Memory Capacity	8 DIMM slots, Supports up to 1TB Registered ECC DDR4 2666MHz SDRAM in 8 DIMMs, Supports up to 2TB Registered ECC DDR4 3200MHz SDRAM (Board revision 2.x required) , 8-channel memory bus
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Expansion Slots

PCI-Express	3 PCI-E 3.0 x16, 3 PCI-E 3.0 x8, M.2 Interface: 1 PCI-E 3.0 x4, M.2 Form Factor: 2280, 22110, M.2 Key: M-key
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Integrated Onboard

SATA	16 SATA3 (6 Gbps) ports
LAN	2 RJ45 Gigabit Ethernet LAN 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, System Information LED
Buttons	Power On/Off button, System Reset Button

Drive Bays

HDD Bays	4 x 3.5" hot-swap SAS/SATA
Peripheral Bay	Optional 1 x Slim DVD-ROM Drive

Power Supply

350W Multi-output power supply Platinum level

Cooling System

4 x 40x28mm PWM fan(s), Optional 2 x 40x28mm PWM fan(s)
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Form Factor

Form Factor	1U Rackmount
Dimensions	Height : 1.7" (43 mm) Width : 17.2" (437 mm) , Depth :19.85" (503 mm)

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