

Tyrone Camarero Specifications

Tyrone[®]

Camarero SSA720TR-436L

Key features

- Single AMD EPYC™ 7003/7002 Series Processor, Socket SP3, Up to 64 Cores, System on Chip
- 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, M.2 Form Factor: 2280, 22110, M.2 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
- 36 x 3.5" hot-swap SAS/SATA drive bay with SES3, optional 2 x 2.5" hot-swap drive bay
- 7 x 80mm high-performance fan(s)
- 1U 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm



Processor/Cache

Processor	Single AMD EPYC™ 7003/7002 Series Processor, Socket SP3, Up to 64 Cores, System on Chip
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Chipset

Chipset	System on Chip
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System Memory

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

SATA	8 SATA3 (6 Gbps)
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	Power status LED, HDD activity LED, 2 Network Activity LEDs, Unit Identification (UID) LED, Fan Fail/System Over Heat LED
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Buttons	Power On/Off button;System Reset Button
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Drive Bays

HDD Bays	36 x 3.5" hot-swap SAS/SATA drive bay with SES3, optional 2 x 2.5" hot-swap drive bay
Peripheral Bay	Optional 4x 2.5" internal fixed drive bay, Optional 2x 3.5" internal fixed drive bay

Power Supply

1U 1200W/1000W Titanium Power Supply W/PMbus W76xL336xH40mm

Cooling System

Fans : 7 x 80mm high-performance fan(s)

Form Factor

Form Factor	4U Rackmount
Dimensions:	Height - 7" (178 mm), Width - 17.2" (437 mm), Depth - 27.5" (699 mm)

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