

Tyrone Camarero Specifications

Tyrone

Camarero SDA100C3R-424



Key features

- Dual AMD EPYC™ 7003/7002 Series Processors, Socket SP3, Up to 64 Cores
- System on Chip
- 4TB Registered ECC DDR4 3200MHz SDRAM in 16 DIMMs
- 3 PCI-E 4.0 x16 slots, 3 PCI-E 4.0 x8 slots, M.2 Interface: 1 PCI-E 4.0 x4, M.2 Form Factor: 2280, 22110, M.2 Key: M-key
- 10 SATA3, 2 SATADOM, 4 NVMe
- Dual Gigabit LAN ports, 1 dedicated IPMI LAN Port
- ASPEED AST2600 BMC graphics
- 2 USB 2.0 ports (rear), 4 USB 3.0 ports (2 rear, 2 headers)
- 8x 4-pin PWM Fans & Speed control
- 24 x 3.5" hot-swap drive bay
- 3 x 8cm hot-swap redundant PWM cooling fan(s) / 2 x 80mm rear hot-swap exhaust PWM fan(s)
- Redundant 1200W Titanium Level power supply

Processor/Cache

Processor Dual AMD EPYC™ 7003/7002 Series Processors, Socket SP3, Up to 64 Cores

Chipset

Chipset System on Chip

System Memory

Memory Capacity 16 DIMM slots, Supports up to 4TB Registered ECC DDR4 3200MHz SDRAM, 8-channel memory bus For Dual CPUs: Recommended that memory be populated equally in adjacent memory banks

Expansion Slots

PCI-Express 3 PCI-E 4.0 x16 slots, 3 PCI-E 4.0 x8 slots, M.2 Interface: 1 PCI-E 4.0 x4, M.2 Form Factor: 2280, 22110, M.2 Key: M-key

Integrated Onboard

SATA 10 SATA3 (6 Gbps) ports
LAN 2x 1GbE LAN ports, 1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card: Optional
Optical Drive: Optional

Front Panel

LEDs 2 Network Activity LEDs, Fan Fail/System Over Heat LED, HDD activity LED, Power Status LED, Unit Identification (UID) LED

Buttons Power On/Off , System Reset Button

Drive Bays

HDD Bays 24x 3.5" hot-swap SAS/SATA drive bays supporting SAS3/2 or SATA3 HDDs with 12Gbps throughput

Peripheral Bays Optional 2 x 2.5" hot-swap drive bay, Optional 1 x 3.5" internal fixed drive bay, Optional 2 x 2.5" internal fixed drive bay

Power Supply

Redundant 1200W Titanium Level power supply

Cooling System

3 x 8cm hot-swap redundant PWM cooling fan(s) / 2 x 80mm rear hot-swap exhaust PWM fan(s)

Form Factor

Form Factor 4U Rackmount
Dimensions: Height : 7" (178 mm), Width : 17.2" (437 mm), Depth : 26" (660 mm)

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For more/current product information, visit

www.tyronesystems.com