Tyrone Camarero Specifications

Tyrone®

Camarero SDA100A2N-224

Key features

Virtualization, Hyperconverged Storage, Cloud Computing, All Flash Storage

- Single AMD EPYC™ 7003/7002 Series Processor, Socket SP3, Support CPU TDP up to 280W, Up to 64 Cores
- System on Chip (SoC)
- Up to 4TB Registered ECC DDR4 3200MHz SDRAM in 16 DIMMs
- Up to 2 PCI-E 4.0 x16 (FH/HL) slots: 24-NVMe configuration (Standard) – 1 slot 20-NVMe configuration – 2 slots available
  M.2 Interface: 2 PCI-E 4.0 x2, M.2 Form Factor: 2280, 22110
  M.2 Key: Onboard M-key
- Integrated IPMI 2.0 + KVM with dedicated LAN
- 2x 10GBase-T LAN ports via Broadcom BCM57416
- Up to 24 hot-swap 2.5" U.2 NVMe drive bays
- 1200W Redundant Power Supplies Titanium Level (96%)

Processor/Cache

Processor	Single AMD EPYC™ 7003/7002 Series Processor, Socket SP3, Support CPU TDP up to 280W, Up to 64 Cores

Chipset

Chipset	System on Chip (SoC)

System Memory

Memory Capacity	Up to 4TB Registered ECC DDR4 3200MHz SDRAM in 16 DIMMs

Expansion Slots

PCI-Express	Up to 2 PCI-E 4.0 x16 (FH/HL) slots: 24-NVMe configuration (Standard) – 1 slot 20-NVMe configuration – 2 slots available M.2 Interface: 2 PCI-E 4.0 x2, M.2 Form Factor: 2280, 22110 M.2 Key: Onboard M-key"

Integrated Onboard

IPMI	Support for Intelligent Platform Management Interface v.2.0, IPMI 2.0 with virtual media over LAN and KVM-over-LAN support, ASPEED AST2500 BMC
LAN	2x 10GBase-T LAN ports, 1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card	Optional
Optical Drive	None

Front Panel

LEDs	Power LED, Hard drive activity LED, 2x Network activity LEDs, System Overheat LED / Fan fail LED / UID LED
Buttons	Power On/Off button ,System Reset Button

Drive Bays

HDD Bays	Up to 24 hot-swap 2.5" U.2 NVMe drive bays

Power Supply

1200W Redundant Power Supplies with PMBus

Cooling System

3 heavy-duty PWM fans with optimal fan speed control, 1 Air Shroud

Form Factor

Form Factor	2U Rackmount
Dimensions:	Height : 3.5" (89mm), Width: 17.2" (437mm) , Depth : 24.8" (630mm)

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For more/current product information, visit

www.tyronesystems.com