Tyrone Camarero Specifications

Tyrone

Camarero: SDA300A2N-224

Key Feature

2U Hyper with up to 24 hot-swap 2.5" NVMe/SAS/SATA bays and 4 PCIe 5.0 x16 slots + 1 PCIe 5.0 x16 AIOM slot

Virtualization, Software-defined Storage, AI Inference and Machine Learning, Cloud Computing, Enterprise Server, High Performance Computing (HPC)

- Dual AMD EPYC™ 9005/9004 Series Processors
- Support up to DDR5 24 DIMM slots (1DPC)
- Optional PCIe slot configurations up to 8 PCIe 5.0 x8 or 4 PCIe 5.0 x16 slots or mix and match
- Flexible networking options with 1 AIOM networking slot (OCP NIC 3.0 compatible)
- Up to 24 front hot-swap 2.5" NVMe/SATA drive bays, 2 M.2 PCIe 3.0 NVMe slots
- Capabilities for GPU and CXL 2.0 support
- 6 counter-rotating 60x60x56mm Fan(s)
- 2x 2000W / 1300W / 1600W/ 2600W Redundant (1 + 1) Titanium Level (96%) power supplies

Processor/Cache

Processor	Dual processor(s), AMD EPYC™ 9005/9004 Series Processors, Up to 384C/768T Note : Supports up to 500W TDP CPUs , Air Cooled CPUs with TDP over 400W only supported under specific conditions. Contact a Tyrone representative for details. GPU

Chipset

Chipset	System on Chip (SoC)

System Memory

Memory Capacity	**Slot Count:** 24 DIMM slots **Max Memory (1DPC):** Up to 9TB 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor) **Max Memory (1DPC):** Up to 6TB 4800MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor)

Expansion Slot

PCI-Express	Option A : 4 PCIe 5.0 x16 FHFL double-width slots, 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible) Option B : 8 PCIe 5.0 x8 (in x16) FHFL slots, 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible)

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

Add-on Options

Raid Card	None
Optical Drive	None

Front Panel

LAN	1 RJ45 1 GbE Dedicated BMC LAN port
USB	2 USB 3.0 ports(rear)
Video	1 VGA port
TPM	1 TPM Onboard/port 80

Drive bays

HDD Bays	Total 8 bays : 8 front hot-swap 2.5"" NVMe*/SATA* drive bays Option A: Total 24 bays : 24 front hot-swap 2.5"" NVMe*/SATA* drive bays
HDD Bays	M.2 : 2 M.2 PCIe 3.0 x4 NVMe slots (M-key 2280/22110)

Power Supply

Power Supply	2x 2000W / 1300W / 1600W/ 2600W Redundant (1 + 1) Titanium Level (96%) power supplies

Cooling System

6 counter-rotating 60x60x56mm Fan(s)

Form Factor

Form Factor	2U Rackmount

Dimensions

Dimensions	Height : 3.5" (88.9 mm), Width :17.2" (437 mm),Depth : 31.74" (806.2 mm)

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For more/current product information, Visit

www.tyronesystems.com