Tyrone Camarero Specifications

Tyrone

Camarero- SDA100C3R-212

Key Feature

Virtualization, Enterprise Server, Data Center Optimized, Application and data serving, Model analysis, Compute Intensive Applications

- Dual Socket SP3, AMD EPYC™ 7002/7003 Series Processors, Support CPU TDP 240W,Up to 64C/128T; Up to 256MB Cache
- AMD SP3
- Up to 4TB 3DS ECC RDIMM, DDR4-3200MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-3200MHz in 16 DIMMS
- 3 PCI-E 4.0 x16 Low Profile (LP), 3 PCI-E 4.0 x8 Low Profile (LP)
- Dual Gigabit LAN
- 8x3.5 or 12x 3.5" hot-swap drive bay, optional 2 x 2.5" hot-swap drive bay
- 3 heavy duty Hot-swappable 9.4K RPM Cooling Fans, 1 air shroud
- 800W/920W/1200W/1000W Redundant Power Supply(80+ Platinum).
- 1 rear VGA, 1 Type A port, 1 COM Port, 4 USB ports and 2 SATA DOM Ports.
- PMBUS 1.2 support for Remote Management
- SLB 9672 chipset based TPM 2.0 Module

Processor/Cache

Processor	Dual Socket SP3, AMD EPYC™ 7002/7003 Series Processors, Support CPU TDP 240W,Up to 64C/128T; Up to 256MB Cache

System Memory

Memory Capacity	Up to 4TB 3DS ECC RDIMM, DDR4-3200MHz; Up to 4TB 3DS ECC LRDIMM, DDR4-3200MHz in 16 DIMMS

Chipset

Chipset	"AMD SP3 "

Expansion Slot

PCI-Express	3 PCI-E 4.0 x16 Low Profile (LP), 3 PCI-E 4.0 x8 Low Profile (LP) 2 SATA DOM Connectors 4 PCI-E4.0 NVMEx4 Internal Ports 1 M.2 NVME Slot

Integrated Onboard:

Network Connectivity	2x 1GbE BaseT, 2x10G (optional)
LAN	1 RJ45 Dedicated IPMI LAN port, 2 RJ45 1GbE LAN ports
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	Optional
Optical Drive	Optional

Drive bays

HDD Bays	8x3.5" hot-swap drive bays, optional 12x 3.5" hot-swap drive bay, optional 2 x 2.5" hot-swap drive bay 4x2.5 fixed NVME optional

Features

Hardware Monitoring	LED indicators for Power status, System alert, LAN activity, Drive activity, System ID, Monitoring & Management for CPU, GPU, Memory, Storage, Network and Chassis Environment for power and cooling. Actual or Impending failure alerts for critical components, Monitoring with event logs and SMART attributes, Monitoring of CPU voltages, Chipset Voltage, PSU +5V standby, +5V, +3.3V, +12V
BIOS Feature	ACPI 6.2, SMBIOS 3.1, Redfish Support

Power Supply

Power Supply	800W/920W/1200W/1000W Redundant Power Supply (80+ Platinum).

OS and virtualization compliance and support

windows server 2019, 2022x64, RHEL 8.4, SLES 15SP4, Oracle Linux 8.4, Rocky 8.X, Ubuntu Linux 22.X
Windows Hyper-V, ESXi 8.0, ESXi 7.0U3, Citrix Hypervisor 8.2, RedHat Openshift Container Platform, RedHat Openstack Platform and RedHat Virtualization

Cooling System

Cooling System	3 heavy duty Hot-swappable 9.4K RPM Cooling Fans, 1 air shroud FAN with tachometer monitoring Status Monitor for speed control Pulse Width Modulated (PWM) fan connectors

Form Factor

Form Factor	2U Rackmount

Dimensions

Dimensions	Dimensions:Height : 3.5"" (89mm),Width : 17.2"" (437mm), Depth : 25.5"" (648mm)

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