Tyrone Camarero Specifications

Tyrone

Camerero: SDI300A2G-524

Key Feature

2U front/top-loading storage server with 24 hot-swap 3.5" SAS/SATA bays (SAS hardware RAID) and PCIe 5.0
Enterprise Server, iSCSI SAN, HPC, Data Center, Database Processing & Storage, Corporate Database, Appliance Optimized Storage Building Blocks

- Single Socket E (LGA-4677) 5th/4th Gen Intel® Xeon® Scalable processor. Up to 300W TDP.
- 16 ECC DDR5-5600: LRDIMM/RDIMM
- "Two Dedicated PCIe 5.0 x16 AIOM slots (OCP 3.0 SFF compliant)
- Up to 6x PCIe 5.0 Slots (Slot #2 populated by 3908 controller by default)"
- Server remote management: IPMI 2.0 / KVM over LAN / Media over LAN per node
- 24 3.5" Hot-swap SAS3/SATA3 drives, 2x Rear SATA Slots, 4x Optional Rear NVMe Slots, 2x NVMe/SATA M.2 (form factor: 2280)
- 4x 8cm hot-swap counter-rotate redundant PWM cooling fans
- 1600W Redundant Power Supplies Titanium Level (96%)
- HW RAID support via Broadcom® 3908

intel inside™ XEON®

Processor/Cache

Processor	Single Socket E (LGA-4677), 5th Gen Intel® Xeon® / 4th Gen Intel® Xeon® Scalable processors, Up to 36C/72T; Up to 180MB Cache **Note :** Supports 120W - 300W TDP CPUs (Air Cooled)

Chipset

Chipset	Intel® C741

System Memory

Slot Count	16 DIMM slots
Max Memory (2DPC)	Up to 4TB 5600MT/s ECC DDR5 RDIMM

Expansion Slot

PCI-Express	4 PCIe 5.0 x8 FHHL slots, 2 PCIe 5.0 x16 FHHL slots, 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible), **Option A :** 2 PCIe 5.0 x8 FHHL slots, 2 PCIe 5.0 x16 FHHL slots, 1 PCIe 5.0 x16 AIOM slot (OCP 3.0 compatible) **Option B :** 2 PCIe 5.0 x16 FHHL slots, 2 PCIe 5.0 x16 AIOM slots (OCP 3.0 compatible)

Integrated Onboard

LAN	1 RJ45 1 GbE Dedicated BMC LAN port
USB	2 USB 3.0 ports(rear)

Add-on Options

Optical Drive	None

Drive bays

Default	Total 26 bays 12 front hot-swap 3.5"" SAS/SATA drive bays, 12 top-loading hot-swap 3.5"" SAS/SATA drive bays, 2 rear hot-swap 2.5"" SATA drive bays **Option A:** Total 28 bays, 12 front hot-swap 3.5"" SAS/SATA drive bays, 12 top-loading hot-swap 3.5"" SAS/SATA drive bays, 2 rear hot-swap 2.5"" SATA drive bays, 2 rear hot-swap 2.5"" NVMe drive bays **Option B:** Total 30 bays, 12 front hot-swap 3.5"" SAS/SATA drive bays, 12 top-loading hot-swap 3.5"" SAS/SATA drive bays, 4 rear hot-swap 2.5"" NVMe drive bays, 2 rear hot-swap 2.5"" SATA drive bays, **M.2 :** 2 M.2 NVMe/SATA slots

Power Supply

Power Supply	2x 1600W Redundant Titanium Level (96%) Hot-plug power supplies

Cooling System

4 Heavy Duty 8cm Fan(s)

Form Factor

Form Factor	2U Rackmount

Dimensions

Dimensions	3.5, Width : 17.2", Depth : 34"

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