Tyrone Camarero Specifications

Camerero: SSA200A2T-24

Key Feature

HPC, Cloud Gaming, MEC (Multi-Access Edge Computing), Multi-Purpose CDN, High-availability Cache Cluster, Telco Edge Cloud, EDA (Electric Design Automation), Mission Critical Web Applications

Four hot-pluggable systems (nodes) in a 2U form factor. Each node supports the following:

- Single-Socket, AMD EPYC™ 9004 Series Processors up to 360W TDP
- 12 DIMM Slots , up to 3TB DDR5 memory
- Flexible bays for either Storage or AIOM / OCP 3.0 slots
- Integrated GrandTwin I/O Module with BMC, 2x USB, VGA and 2x 10GbE or 2x 25GbE
- Up to 4 Hot-swap 2.5" NVMe/SATA drives
- Redundant 2200w Titanium Level(96%)High-Efficiency Power Supplies with I2C & PMBus
- 1 per node Air Shroud(s), 2x 17.6K RPM Heavy Duty 8cm Fan(s)

Processor/Cache

Processor	Single-Socket, AMD EPYC™ 9004 Series Processors up to 360W TDP **Note :** Certain CPUs with high TDP may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized system optimization.

Chipset

Chipset	AMD SP5

System Memory

Memory Capacity	12 DIMM slots, Up to 3TB: 12x 256 GB DRAM **Memory Type:** 4800MHz ECC DDR5 RDIMM , On-Board Devices (per Node)

Expansion Slot

PCI-Express	**Option A :** 1 PCIe 5.0 x16 LP slot(s) **Option B :** 1 PCIe 5.0 x16 AIOM slot(s) (OCP 3.0 compatible)

Integrated Onboard

LAN	1 RJ45 Dedicated BMC LAN port
IPMI	Support for Intelligent Platform Management Interface v.2.0, IPMI 2.0 with virtual media over LAN and KVM-over-LAN support Input / Output (per Node)

Add-on Options

Raid Card	None
Optical Drive	None

Front Panel

LED	HDD activity LED, Network activity LEDs, Power status LED, Universal Information (UID) LED
Buttons	Power On/Off, UID button

Drive bays

HDD Bays	4x 2.5" hot-swap NVMe/SATA drive bays (4x 2.5" NVMe hybrid), M.2 : 2 M.2 NVMe OR 2 M.2 SATA3

Power Supply

Power Supply	Redundant 2200w Titanium Level(96%)High-Efficiency Power Supplies with I2C & PMBus

Form Factor

Form Factor	2U Rackmount

Dimensions

Dimensions	3.46" (88mm), Width - 17.67" (449mm), Depth - 28" (711.2mm)

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