Tyrone Camarero Specifications

Camerero: SO200A2R-624

Key Feature

In-Memory Database, Virtualization, ERP, CRM, Research Lab/National Lab, Scale -up HPC

- Octa Socket E (LGA-4677) 4th Generation Intel® Xeon® Scalable processors
- 128 DIMM Slots; Up to 32TB DDR5-4800MHz ECC RDIMM/RDIMM-3DS; Up to 48TB with® Optane™ Persistent Memory 300 series
- Optional PCIe configurations up to 24 PCIe slots with support for 12 double-width GPU/Accerlator cards
- 24x 2.5" Hot-swap NVMe/SAS3/SATA3 drive bays ; 2x internal M.2 NVMe/SATA; Optional RAID support via storage add-on card
- 10 heavy duty fans w/ optimal fan speed control
- 2600W redundant power supply

Processor/Cache

Processor	Octa Socket E (LGA-4677) 4th Generation Intel® Xeon® Scalable processors, 4 UPI up to 16GT/s **Note :** CPUs with high TDP (air cooled) only supported under specific conditions.

Chipset

Chipset	Intel® C741 Chipset

System Memory

Memory Capacity	128 DIMM slots, Up to 32TB: 128x 256 GB DRAM, Up to 48TB: 64x 512 GB PMem and 64x 256 GB DRAM Memory Type: 4800MHz ECC DDR5 RDIMM/RDIMM-3DS, Intel® Optane™ persistent memory 300 series , On-Board Devices

Expansion Slot

PCI-Express	12 PCIe 5.0 x16 FHFL slot(s), 12 PCIe 5.0 x16 FHFL optional slot(s), 2 PCIe 5.0 x16 LP internal optional slot(s)

Integrated Onboard

LAN	1 RJ45 Dedicated IPMI LAN port, 1x 1GbE RJ45
IPMI	Support for Intelligent Platform Management Interface v.2.0IPMI 2.0 with virtual media over LAN and KVM-over-LAN support

Add-on Options

Raid Card	Optional
Optical Drive	None

Front Panel

LED	HDD activity, Network activity, Power status, System information (overheat/UID)
Buttons	Power On/Off UID

Drive bays

HDD Bays	24x 2.5" hot-swap NVMe/SAS3/SATA3 drive bays (24x 2.5" NVMe hybrid)
M.2	2 M.2 NVMe OR 2 M.2 SATA3

Power Supply

Power Supply	2600W redundant power supply

Cooling System

Power Supply	10 Heavy duty counter-rotating 8cm Fan(s)

Form Factor

Form Factor	6U Rackmount

Dimensions

Dimensions	10.4" (265mm), Width -17.68" (449mm), Depth- 33.1" (841mm)

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For more/current product information, Visit

www.tyronesystems.com