

# Tyrone Camarero Specifications

Tyrone

## Camarero: MDA200A2G-48

### Key Feature

A high-density AMD EPYC™ 9005-series platform optimized for AI inference, small-model training, and fine-tuning, delivering PCIe Gen6 scalability, ultra-fast 400G NVIDIA ConnectX-8 networking, massive DDR5 memory bandwidth, and Titanium-class redundant power with hardware Root of Trust.

- Support dual AMD EPYC™ 9005 series processors with high-core-count architecture
- Supports 24 x DDR5 RDIMM Expandable Memory
- 9 x PCIe Expansion Slots
- 8 x 400G QSFP112 ports with NVIDIA ConnectX-8 chipsets
- Integrated ASPEED BMC Controller
- Dual BIOS & BMC
- Supports IPMI, Redfish, remote KVM, and virtual media
- 80+ Titanium CRPS Power Supply for high efficiency and redundancy
- Enhanced Security with TPM 2.0 and Chassis Intrusion detection
- Hardware Root of Trust (RoT)



Processor/Cache	
Processor	Dual AMD EPYC™ 9005 Series processor, Upto 500W TDP, (LGA 6096)
GPUs	
GPUs	H200NVL RTX Pro 6000 BSE
System Memory	
Memory Capacity	24 x DDR5 DIMM Slots, 12 memory channels (1DPC), RDIMM/RDIMM-3DS Max. Frequency : 6400MT/s Max. Capacity per DIMM: 256GB Max System Memory : 6TB
Expansion Slot	
PCI-Express	8 x PCIe 6.0 x16 FHFL dual wide slot 1 x PCIe 5.0 x16 FHFL single wide slot
Ports	
Ports	1 x 1000Base-T Dedicated Server Management Port (Rear) 1 x USB 3.0 Type-A Port (Rear) 1 x Mini-DP Display Port (Rear) 8 x 400G QSFP112 ports with NVIDIA ConnectX-8 (Rear)
Indicators/LEDs	
Indicators /LEDs	1 x Power button with LED (Rear) 1 x UID button with LED (Rear)

Security	
Security	Chassis intrusion TPM 2.0 (Onboard) Hardware Root of Trust (RoT)
Drive bays	
HDD Bays	8 x 2.5" U.2 PCIe 5.0 x4 Hot Swap NVMe drive bays 2 x 2280/22110 PCIe 3.0 x2 NVMe M.2 drive bays
Power Supply	
Power Supply	(3+1) 3200W 80+ CRPS Titanium Redundant Power Supply
Environment	
Environment	System Operating Temperature: 0°C ~ 35°C Non-operating Temperature: -20°C ~ 70°C" Non-operating Relative Humidity: 5% to 85% (non-condensing)
Form Factor	
Form Factor	4U Rackmount
Dimensions	
Dimensions	438mm (W) x 175mm (H) x 800mm (D)
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