

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) |
| Email : Info@tyronesystems.com For more/current product information, Visit www.tyronesystems.com | |

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