Tyrone Camarero Specifications

Tyrone

Camarero: MDA200A3R-216

Key Feature

The Tyrone MDA200A3R-216 is engineered for modern workloads-combining high performance, energy efficiency, and built-in security to support everything from virtualization to AI processing. Built to scale with your business, this server redefines compute infrastructure in a compact, reliable form factor.

- 2 x AMD EPYC™ 9005/9004 series processors of upto 250W TDP
- 24 x DDR5 DIMM, 1DPC, upto 6000MT/s, RDIMM/RIMM-3DS
- 16 x Hot-swap 3.5"/2.5" drive bays
- 4 x PCIe 4.0/5.0 expansion slots
- Built-in Hardware security(TPM 2.0)
- Cryptographically signed firmware
- MicroSD card slot for BMC log
- Dual BIOS and BMC

EPYC

Processor/Cache

Processor	Dual AMD SP5 EPYC 9005/9004 processor of Up to 250W

Chipset

Chipset	System on Chip

System Memory

Memory Capacity	24 DIMM slots **Max Memory (1DPC):** Up to 6000MT/s ECC DDR5 RDIMM (AMD EPYC™ 9005 Series Processor) **Max Memory (1DPC):** Up to 6400MT/s ECC DDR5 RDIMM (AMD EPYC™ 9004 Series Processor)

Expansion Slot

PCI-Express	3 x PCIe 4.0/5.0 x16 Slot 1 x PCIe 5.0 x16 OCP 3.0 Slot

Integrated Onboard

Integrated Onboard	2 x 1000Base-T Ethernet Ports (Rear) 1 x 1000Base-T Dedicated Server Management Port (Rear) 2 x USB 3.2 Gen1 Type-A Port (Rear) 1 x VGA D-Sub Port (Rear) 1 x COM RJ45 Port (Rear) 1 x VGA D-Sub Port (Front) 1 x USB 3.2 Gen 1 + 1 x USB 2.0 Type-A (Front)

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)

Front Panel

LED	4 x System status LEDs
Buttons	Sytem Power button, UID button

Drive bays

HDD Bays	16 x Hot-swap 2.5""/3.5"" SATA/SAS drive bays Supports 2 x M.2 (2280)

Power Supply

Power Supply	Dual 1600W 80+ Redundant Titanium Level power supplies

Cooling System

6 x Hot-swap 6038 system Fans
2 x EVAC air cooling modules with air duct

Form Factor

Form Factor	2U Rackmount

Dimensions

Dimensions	437 (W) x 87 (H) x 770 (D)