

# Tyrone Camarero Specifications

# Tyrone

## Camarero: MDA200A2N-224

### Key Feature

The Tyrone MDA200A2N-224 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 400W TDP
- 24 x DDR5 DIMM, upto 6400MT/s, RDIMM/RDIMM-3DS
- 8 x Hot-swap 2.5" SATA/SAS + 16 x U.2 NVMe drive bays
- 4 x PCIe 5.0 expansion slots
- Latest AST2600 BMC Controller iKVM, vMedia support
- 80+ Titanium CRPS Power Supply
- Built-in Hardware security(TPM 2.0)
- Cryptographically signed firmware
- MicroSD card slot for BMC log
- Dual BIOS and BMC



Processor/Cache		LEDs / Buttons	
Processor	Dual AMD SP5 EPYC 9005/9004 processor of Up to 400W TDP	LED	4 x System status LEDs
Chipset		Buttons	Sytem Power button, UID button
Chipset	System on Chip	Drive bays	
System Memory		HDD Bays	8 x Hot-swap 2.5" SATA/SAS + 16 x U.2 NVMe drive bays 2 x M.2 2280 PCIe3.0 x2
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)	Power Supply	
Expansion Slot		Power Supply	Dual 1600W 80+ Redundant Titanium Level power supplies
PCI-Express	1 x PCIe 5.0 x16 FHHL Slot 2 x PCIe 5.0 x16(Signal x8) FHHL Slot 1 x PCIe 5.0 x16 OCP 3.0 Slot	Cooling System	
I/O Ports		Form Factor	
I/O Ports	2 x 1000Base-T Ethernet Ports (Rear) 1 x 1000Base-T Dedicated Server Management Port (Rear) 2 x USB 3.0 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 3.0 + 1 x USB 2.0 Type-A (Front)	Form Factor	
Environment		Dimensions	
Environment	System Operating Temperature: 0°C ~ 35°C Non-operating Temperature: -20°C ~ 70°C Non-operating Relative Humidity: 5% ~ 85% (non-condensing)	Dimensions	
		Dimensions	
		437 (W) x 87 (H) x 770 (D)	
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		For more/current product information, Visit	
		<a href="http://www.tyronesystems.com">www.tyronesystems.com</a>	