Tyrone Camarero Specifications

Tyrone

Camerero: MDA200A3N-212

Key Feature

Cloud computing services, content delivery networks, network function virtualization, 5G core and edge telecom micro data centers, and AI inference and machine learning

- Dual AMO socket SP5 supporting AMO EPYC™ 9005/9004 Series processors, up to TOP 360W
- (24 DDR5 DIMM slots, 12 channels[1 DPC), RDIMM/RIMM-3DS, Max. frequency 6000MT/s Max. capacity per DIMM: RDIMM 96GB / RDIMM-3DS 256GB
- Riser 1: [1) PC le 5.0 x16 FHFL slot from CPU0 supports GPU card, [1) PCle 5.0 x16 FHFL slot [x8 signal) from CPU0 (1) PCle 5.0 x16 FHHL slot [x8 signal) from CPU0
  Riser 2:[1) PCle 5.0 x16 FHFL slot from CPU1 supports GPU card, [1) PCle 5.0 x16 FHFL slot [x8 signal) from CPU1 (1) PCle 5.0 x16 FHHL slot [x8 signal) from CPU1
  Riser 3 :[1) PCle 5.0 x16 FHFL slot from CPU1 supports GPU card
- [2) 1000Base-T Ethernet Ports [Intel®I350AM2), [2) 10G SFP+ Ethernet Ports [Intel® X710-BM2) through OCP3.0 NIC OCP-321
- [12) Hot-swap 35""/25"" drive bays support [8) SATA 3.0/SAS + [4) U.2 PCle 4.0 NVMe SAS card is required for SAS device support [2) M.2 2280 PCle3.0 x2 ports from CPU0
- [1) TPM header with SPI interface supports TPM2.0
- AST2600 with dual BMC supports IPMI and Redfish [1) 1000Base-T Dedicated Server Management Port, Dual BIOS and BMC, [1) MicroSD card slot for BMC log
- [1+1) Redundant 2000W CRPS 80+ Platinum

Processor/Cache

| Processor | Dual AMO socket SP5 supporting AMO EPYC™ 9005/9004 Series processors, up to TOP 360W |

System Memory

| Memory Capacity | [24) DDR5 DIMM slots, 12 channels[1 DPC), RDIMM/RIMM-3DS, Max. frequency 6000MT/s Max. capacity per DIMM: RDIMM 96GB / RDIMM-3DS 256GB |

Expansion Slot

PCI-Express	**Riser 1:** [1) PC le 5.0 x16 FHFL slot from CPU0 supports GPU card, [1) PCle 5.0 x16 FHFL slot [x8 signal) from CPU0 (1) PCle 5.0 x16 FHHL slot [x8 signal) from CPU0
	Riser 2:[1) PCle 5.0 x16 FHFL slot from CPU1 supports GPU card, [1) PCle 5.0 x16 FHFL slot [x8 signal) from CPU1 [1) PCle 5.0 x16 FHHL slot [x8 signal) from CPU1
	Riser 3 :[1) PCle 5.0 x16 FHFL slot from CPU1 supports GPU card

Integrated Onboard:

| Networking | [2) 1000Base-T Ethernet Ports [Intel®I350AM2), [2) 10G SFP+ Ethernet Ports [Intel® X710-BM2) through OCP3.0 NIC OCP-321 |

Front Panel

| LED | System Power LED button, [1) UID LED button,) |
| Buttons | Reset button |

Drive bays

| HDD Bays | [12) Hot-swap 35"/25" drive bays support [8) SATA 3.0/SAS + [4) U.2 PCle 4.0 NVMe |

Power Supply

| Power Supply | [1+1) Redundant 2000W CRPS 80+ Platinum |

Form Factor

| Form Factor | 2U Rackmount |

Dimensions

| Dimensions | 438mm[17 2")W x 87mm[3.4")H x 770mm[30.3")D |

Email : Info@tyronesystems.com

For more/current product information, Visit

www.tyronesystems.com