Tyrone Camarero Specifications

Tyrone

Camarero: MSI300A3R-212

Key Feature

The MSI300A3R-212 is a 2U rackmount server powered by Intel® Xeon® 6700-series processors, featuring high-bandwidth DDR5 memory, PCIe Gen5 expansion slots, Hot-Swap SAS/SATA Drives, Dual 10GbE RJ45 networking, and redundant Titanium/Platinum-rated power supplies.

- Supports Single Intel® Xeon® 6700E, 6500P and 6700P-Series Processors
- Supports 8 x DDR5 RDIMM Expandable Memory
- 4 x PCIe 5.0 x16 Expansion slots
- Integrated ASPEED BMC Controller
- Supports IPMI, Redfish, remote KVM, and virtual media
- Enhanced Security with TPM 2.0 and Chassis Intrusion
- 80+ Titanium/Platinum Redundant Power Supply

intel XEON

Processor/Cache

Processor	Single Intel® Xeon® 6700E, 6500P and 6700P-Series Processors, Upto 350W TDP(LGA 4710 (Socket E2))

System Memory

Memory Capacity	8 DDR5 DIMM slots, 8 Channels (1DPC), DDR5 288-pin RDIMM, RDIMM : 256GB (6400MT/s), MCRDIMM: 64GB (8000MT/s) **Max. Capacity per DIMM:** 256GB(RDIMM) **Max System Memory : 2TB**

Expansion Slot

PCI-Express	4 x PCIe 5.0 x16 HHFL slots(R1S CPU required to enable all Slots, otherwise only 3 will be working) 6 x PCIe 5.0 x8 MCIO 8i connectors(R1S CPU required to enable all Connector, otherwise only 2 will be working)

Ports

Ports	1 x 1000Base-T Dedicated Server Management Port (Rear) 2 x 10GbE (RJ45) by Intel X710-AT2 (Rear) 1 x DB-15 VGA Port (Rear) 1 x DB9 COM Port (Rear) 1 x 2.1 ch audio Ports (Rear) 2 x USB 3.2 Gen 1 Type-A Ports (Rear) 2 x USB 3.2 Gen 1 Type-A ports (Front)

Power Supply

Power Supply	(1 + 1) 800W/1300W 80+ Redundant Power Supply

Indicators/LEDs

Indicators/ LEDs	1 x Power Button (Front) 1 x UID Button with LED (Front/Rear) 1 x System Alert LED (Front) 1 x System Reset Button (Front) 1 x LAN LED (Front) 1 x Drive Activity LED (Front)

Drive bays

HDD Bays	Supports 12 x hot-swap 2.5"/3.5" SAS/SATA drive bays(Front) 2 x 2280/22110 PCIe 5.0 x2 NVMe M.2 ports (On Board)

Security

Security	Chassis intrusion TPM 2.0

Environment

Environment	**System Operating Temperature:** 10°C ~ 35°C **Non-operating Temperature:** -40°C ~ 70°C **Non-operating Relative Humidity:** 20% to 90% (non-condensing)

Form Factor

Form Factor	2U Rackmount

Dimensions

Dimensions	436mm (W) x 87mm (H) x 660mm (D)

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