

Tyrone Camarero Specifications

Tyrone

Camarero: MSI300A3S-468

Key Feature

The MSI300A3S-468 storage Server is designed for scalable, high-throughput storage deployments in data center and edge environments. It supports modular expansion, Intel's 6th Gen based Single CPU, and flexible I/O fabrics to deliver predictable performance at scale. Leveraging state-of-the-art PCIe Gen5 integration and multi-tier storage architecture, the system enables seamless scaling from capacity-centric workloads to latency-sensitive access patterns.

- 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
- 2+2 80+ Titanium Redundant Power Supply



Processor/Cache		Indicators/LEDs	
Processor	Single Intel® Xeon® 6700E, 6500P and 6700P-Series Processors, Upto 250W TDP(LGA 4710 (Socket E2))	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) 1 x Power Status LED (Front)
System Memory		Drive bays	
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	HDD Bays	Supports 60 x hot-swap 2.5"/3.5" SAS/SATA drive bays(Top) Supports 6 x 2.5" NVMe + 2 x 2.5" SATA drive bays (Rear) 2 x 2280/22110 PCIe 5.0 x2 NVMe M.2 ports (On Board)
Expansion Slot		Security	
PCI-Express	4 x PCIe 5.0 x16 FHHL slots(R1S CPU required to enable all Slots, otherwise only 3 will be working)	Security	Chassis intrusion TPM 2.0
Ports		Environment	
Ports	1 x 1000Base-T Dedicated Server Management Port (Rear) 2 x 10GbE (RJ45) by Intel X710-AT2 (Rear) 1 x DB-15 VGA connector (Rear) 1 x DB9 COM connector (Rear) 1 x 2.1 ch audio Ports (Rear) 2 x USB 3.2 Gen 1 Type-A Port (Rear) 1 x USB 3.2 Gen 1 Type-A port (Front)	Environment	System Operating Temperature: 10°C ~ 35°C Non-operating Temperature: -20°C ~ 70°C Non-operating Relative Humidity: 5% to 85% (non-condensing)
Power Supply		Form Factor	
Power Supply	(2 + 2) 800W 80+ Titanium Redundant Power Supply	Form Factor	4U Rackmount
		Dimensions	
		Dimensions	434mm (W) x 176mm (H) x 853mm (D)
<p>Email : Info@tyronesystems.com For more/current product information, Visit www.tyronesystems.com</p>			