Tyrone Camarero Specifications

Camarero: MSI300F0A-55

Key Feature

A versatile Intel® Arrow Lake-S 4U server/workstation platform combining next-gen DDR5, PCIe Gen5 scalability, flexible storage, and robust security in a rackmount or tower design.

- Supports Single Intel® Arrow Lake-S Series
- Support DDR5 ECC/non-ECC UDIMM slots up to 256GB
- 7 x PCIe Expansion Slots
- Support 5 x 2.5"/3.5" SAS/SATA Fix Drives
- Supports 4 X 5.25" ODD + 1 x 3.5" Disk
- 80+ Platinum/Gold ATX Power Supply
- Enhanced Security with TPM 2.0 and Chassis Intrusion

Processor/Cache

Processor	Intel® Arrow Lake-S Core™ Ultra 9/7/5 upto 125W TDP (LGA1851) **Chipset :** Intel W880

System Memory

Memory Capacity	4 x DDR5 UDIMM Dual-Channel, ECC/Non-ECC (ECC support depends on CPU) **Max Frequency :** Up to 5600 MT/s **Max Capacity/DIMMs :** 64 GB **Max System Memory :** 256 GB

Expansion Slot

PCI-Express	2 x PCIe 5.0 slots* (Configurable 1 x x16 or 2 x x8) 5 x PCIe 4.0 x4 slot* (One of slot shared with M.2 Slot)

Ports

Ports	1 x Display Port (Rear) 1 x HDMI Port (Rear) 1 x VGA Port (Rear) 1 x DB-9 COM Serial Port (Rear) 1 x Line-out Jack (Rear) 1 x Mic-in Jack (Rear) 8 x USB 10Gbps Type-A ports (Rear) 2 x 2.5 GbE RJ45 LAN ports (Rear) 2 x USB 3.2 Gen1 (Front)

Drive bays

HDD Bays	5 x 2.5"/3.5" SAS/SATA (Internal) 4 x 5.25" ODD Drives (External) 1 x 3.5" Disk (External) 1 x M.2 2280 PCIe5.0 x4 (Onboard) 1 x M.2 2280 PCIe4.0 x4 (Onboard)

Indicators/Button

Indicators/ Button	1 x Power Status/Button (Front) 1 x HDD (Front) 2 x LANs (Front) 1 x System fail LEDs (Front) 1 x System Reset Button (Front)

Power Supply

Power Supply	500W/1200W 80+ Platinum/Gold ATX PSU

Security

Security	Chassis Intrusion TPM 2.0

Environment

Environment	System Operating Temperature: 0°C ~ 35°C **Non-operating Temperature:** -20°C ~ 70°C **Non-operating Relative Humidity:** 5% ~ 85% (non-condensing)

Form Factor

Form Factor	4U Rackmount/Tower

Dimensions

Dimensions	430mm(W) x 200mm(H) x 560mm(D)

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