

# Tyrone Camarero Specifications

Tyrone

## Camarero: MSI310F0A-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
- 5 x 2.5"/3.5" SATA (Internal), 4 x 5.25" ODD Drives (External), 1 x 3.5" Disk (External)
- 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)
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" 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	Tower/5U-Rackmountable(Optional)
Dimensions	
Dimensions	430mm(W) x 200mm(H) x 560mm(D)
Email : <a href="mailto:Info@tyronesystems.com">Info@tyronesystems.com</a> For more/current product information, Visit <a href="http://www.tyronesystems.com">www.tyronesystems.com</a>	