

# Tyrone Camarero Specifications

## Camarero DSA720TB-224R Key features

Compute Intensive Application;HPC, Data Center, Enterprise Server;Hyperscale / Hyperconverged  
Four hot-pluggable systems (nodes) in a 2U form factor. Each node supports the following:

- Dual AMD EPYC™ 7003/7002 Series Processors, (7003 Series Processor drop-in support requires BIOS version 2.0 or newer)Socket SP3, Support CPU TDP/cTDP up to 200W\*, Up to 64 Cores  
Note : Certain CPUs with high TDP may be supported only under specific conditions. Please contact TyroneTechnical Support for additional information about specialized system optimization
- System on Chip
- Up to 4TB ECC 3DS LRDIMM,up to DDR4-3200MHz; 16 DIMM slots
- 2 PCI-E 4.0 x16 (LP) slot;1 IO Module support,(flexible networking)Note: must bundle with Network card
- Integrated IPMI 2.0 + KVM with dedicated LAN
- 6 Hot-swap 2.5" SATA3 drive bays,M.2 Interface: 1 SATA/PCI-E 3.0 x4,M.2 Form Factor: 2280, 22110,M.2 Key: M-key
- Video via Aspeed AST2500 BMC
- 4 Heavy duty 8cm PWM fans
- 2200W Redundant Power Supplies Titanium Level (96%) 80 Plus Certified



### Processor/Cache

**Processor** Dual AMD EPYC™ 7003/7002 Series Processors, (7003 Series Processor drop-in support requires BIOS version 2.0 or newer)Socket SP3, Support CPU TDP/cTDP up to 200W\*, Up to 64 Cores  
Note : Certain CPUs with high TDP may be supported only under specific conditions. Please contact TyroneTechnical Support for additional information about specialized system optimization

### Chipset

**Chipset** System on Chip

### System Memory

**Memory Capacity** 16 DIMM slots,Supports up to 4TB Registered ECC DDR4 3200MHz SDRAM in 16 DIMMs,8-channel memory bus  
For Dual CPUs: Recommended that memory be populated equally in adjacent memory banks,Memory Type DDR4 3200 MHz Registered ECC, 288-pin gold-plated DIMMs,

### Expansion Slots

**PCI-Express** 2 PCI-E 4.0 (x16) Low-profile slots, 1 IO Module support(must bundle with network card), M.2 Interface: 1 SATA/PCI-E 3.0 x4, Form Factor: 2280, 22110,Key: M-key

### Integrated On-Board

**SATA** SATA3 (6Gbps) via AMD EPYC

**LAN** Provided via SIOM (optional)1 RJ45 Dedicated IPMI LAN port

### Add-on Options

**Raid Card** Optional  
**Optical Drive** None  
**USB Port** 2 x USB 3.0 (Rear)

### Front Panel

**LED** Power status LED,HDD activity LED, Network activity LEDs, Universal Information (UID) LED  
**Buttons** Power On/Off button,UID button

### Drive Bays

**HDD Drives** 6 Hot-swap 2.5" SATA3 drive bays

### Power Supply

2200W Redundant Power Supplies Titanium Level (96%) 80 Plus Certified

### Cooling System

4 Heavy duty 8cm PWM fans

### Form Factor

**Form Factor** 2U Rackmount  
**Width** 17.25" (438mm),  
**Height** 3.47" (88mm),  
**Depth** 28.5" (724mm)

Email : [info@tyronesystems.com](mailto:info@tyronesystems.com)

For more/current product information, visit  
[www.tyronesystems.com](http://www.tyronesystems.com)