Tyrone Camarero Specifications

Camarero SSA720TT-212R

Key features

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

- Single AMD EPYC™ 7003/7002 Series Processor (7003 Series Processor drop-in support requires BIOS version 2.0 or newer)Socket SP3, Supports CPU TDP/cTDP up to 280W, Up to 64 Cores Note : Certain CPUs with high TDP may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized system optimization
- System on Chip
- Up to 2TB ECC 3DS LRDIMM,up to DDR4-3200MHz; 8 DIMM slots
- 2 PCI-E 4.0 (x16) Low-profile slots, 1 SIOM card support(must bundle with network card)M.2 Interface: 1 SATA/PCI-E 3.0 x4 Form Factor: 2280, 22110,Key: M-key
- Integrated IPMI 2.0 + KVM with dedicated LAN.
- 3 Hot-swap 3.5" SATA3 drive bays,M.2 Interface: 4 SATA/PCI-E 3.0 x4,M.2 Form Factor: 2280, 22110, 2260, 2242,M.2 Key: M-key
- Video via Aspeed AST2500 BMC
- 4 Heavy duty 8cm PWM fans
- 2000W Redundant Power Supplies with PMBus

Processor/Cache

Processor	Single AMD EPYC™ 7003/7002 Series Processor (7003 Series Processor drop-in support requires BIOS version 2.0 or newer)Socket SP3, Supports CPU TDP/cTDP up to 280W, Up to 64 Cores Note : Certain CPUs with high TDP may be supported only under specific conditions. Please contact Tyrone Technical Support for additional information about specialized system optimization

Chipset

Chipset	System on Chip

System Memory

Memory Capacity	Up to 2TB ECC 3DS LRDIMM,up to DDR4-3200MHz; 8 DIMM slots

Expansion Slots

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

Integrated On-Board

SATA	SATA3 (6 Gbps)
LAN	Provided via SIOM,1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card	None
Optical Drive	None

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	3 Hot-swap 3.5" SATA3 drive bays

Power Supply

2000W Redundant Power Supplies with PMBus

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)