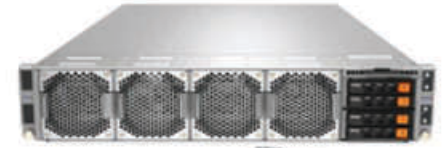


Tyrone Camarero Specifications

Tyrone

Camarero SSA7300TTN-22R



Key features

Media/Video Streaming, AI Inference and Machine Learning, Cloud Gaming, Industrial Automation, Retail, Smart Medical Expert Systems Two hot-pluggable systems (nodes) in a 2U form factor.

Each node supports the following:

- Single EPYC™ 7003/7002 Series Processor, (7003 Series Processor drop-in support requires BIOS version 2.0 or newer), Socket SP3, Supports CPU TDP 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 GPU Support (per Node) : 3 double-width or 6 single-width GPUs
- System on Chip (SoC)
- 8 DIMM slots, Up to 2TB 3DS ECC DDR4-3200MH SDRAM
- 6 PCI-E Gen 4 x16 (4 internal, 2 external) slots, 1 PCI-E Gen 4 x16 AIOM networking slot, M.2 Interface: 2 PCI-E 4.0 x4
M.2 Form Factor: 2280, 2210, M.2 Key: M-key
- Integrated IPMI 2.0 + KVM with dedicated LAN (Software Out of Band License key (SFT-OOB-LIC) included for OOB BIOS management)
- 2 front Hot-swap 2.5" U.2 NVMe Gen4 drive bays
- AST2600 BMC
- 4 Hot-swap heavy duty 80mm PWM fans
- 2600W Redundant (1+1) Power Supplies Titanium Level (96%)

Processor/Cache

Processor Single EPYC™ 7003/7002 Series Processor, (7003 Series Processor drop-in support requires BIOS version 2.0 or newer), Socket SP3, Supports CPU TDP 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 s pecialized system optimization GPU Support (per Node) : 3 double-width or 6 single-width GPUs

Chipset

Chipset System on Chip (SoC)

System Memory

Memory Capacity 8 DIMM slots, Up to 2TB 3DS ECC DDR4-3200MH SDRAM

Expansion Slots

PCI-Express 6 PCI-E Gen 4 x16 (4 internal, 2 external) slots, 1 PCI-E Gen 4 x16 AIOM networking slot, M.2 Interface: 2 PCI-E 4.0 x4
M.2 Form Factor: 2280, 2210, M.2 Key: M-key

Integrated Onboard

SATA SATA3 (6Gbps) via AMD EPYC
LAN Flexible networking provided by AIOM, 1 RJ45 1GbE Dedicated IPMI management port

Add-on Options

Raid Card: Optional
Optical Drive: None

Front Panel

USB 2 USB 3.0 ports (rear)

Drive Bays

2 front Hot-swap 2.5" U.2 NVMe Gen4 drive bays

Power Supply

2600W Redundant Power Supplies with PM Bus

Cooling System

4 Hot-swap heavy duty 80mm PWM fans

Form Factor

Form Factor 2U Rackmount
Dimensions: Height : 3.47" (88mm), Width : 17.6" (447mm), Depth : 29.9" (760mm)

Email : info@tyronesystems.com

For more/current product information, visit www.tyronesystems.com