

Tyrone Camarero Specifications

Camarero DA70012T-26R

Key features

Compute Intensive Application;HPC, Data Center, Enterprise Server;Hyperscale / Hyperconverged

- Dual AMD EPYC™ 7001/7002* Series Processors (*AMD EPYC 7002 series drop-in support requires board revision 2.x)
- System on Chip
- 2TB Registered ECC DDR4 2666MHz SDRAM in 16 DIMMs;4TB Registered ECC DDR4 3200MHz SDRAM in 8 DIMMs (Board revision 2.x required)
- 1 PCI-E 3.0 x16 Left Riser Slot;1 PCI-E 3.0 x16 Right Riser Slot;1 PCI-E 3.0 x24 Proprietary Slot; (for tyrone storage add-on card);1 PCI-E 3.0 x16 SIOM LAN;Networking Slot; M.2 Interface: 1 SATA/PCI-E 3.0 x4;M.2 Form Factor: 2280, 22110;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
- 6 SAS3, or 4 NVMe + 2 SAS3 Hot-swap 2.5" drive bays, M.2 Interface: 1 SATA/PCI-E 3.0 x4, M.2 Form Factor: 2280, 2211, M.2 Key: M-key
- SAS3 support via Broadcom 3008; IT mode
- Video via Aspeed AST2500 BMC
- 4 Heavy duty 8cm PWM fans
- 2200W Redundant Power Supplies, Titanium Level (96%)

Tyrone®



Processor/Cache

Processor Dual AMD EPYC™ 7001/7002 series Processors(* Board revision 2.x required) Socket SP3 ,Supports CPU TDP 200W / cTDP up to 200W Up to 32 Cores (Board revision 1.x + 7001 Processors),Up to 64 Cores (Board revision 2.x + 7002 Processors)
Note : Please contact Tyrone Technical Support for specifics on high power processor support

Chipset

Chipset System on Chip

System Memory

Memory Capacity 16 DIMM slots, Supports up to 2TB Registered ECC DDR4 2666MHz SDRAM (7001 Processors), Supports up to 4TB Registered ECC DDR4 3200MHz SDRAM (Board revision 2.x required + 7002 Processors) 8-channel memory bus
For Dual CPUs: Recommended that memory be populated equally in adjacent memory banks
Memory Type: DDR4 2666 MHz Registered ECC, 288-pin gold-plated DIMMs (7001 Processors), DDR4 3200 MHz Registered ECC, 288-pin gold-plated DIMMs (Board revision 2.x required + 7002 Processors)

Expansion Slots

PCI-Express Expansion slots : 1 PCI-E 3.0 x16 Left Riser Slot;1 PCI-E 3.0 x16 Right Riser Slot;1 PCI-E 3.0 x24 Proprietary Slot;(for Tyrone storage add-on card);1 PCI-E 3.0 x16 SIOM LAN;Networking Slot;M.2 Interface: 1 SATA/PCI-E 3.0 x4;M.2
Form Factor: 2280, 22110;M.2 Key: M-key

Integrated On-Board

SATA SATA3 (6 Gbps) Ports

LAN Provided via SIOM;1 RJ45 Dedicated IPMI LAN port

Add-on Options

Raid Card Optional

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 6 Hot-swap 2.5" SAS3 drive bays or 4 NVMe + 2 SAS3 Hot-swap 2.5"

Power Supply

2200W Redundant Power Supplies with PMBus

Cooling System

4 Heavy duty 8cm PWM fans

Form Factor

2U Rackmount

Dimensions: Width 17.25" (438mm),
Height 3.47" (88mm),
Depth 28.5" (724mm)

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