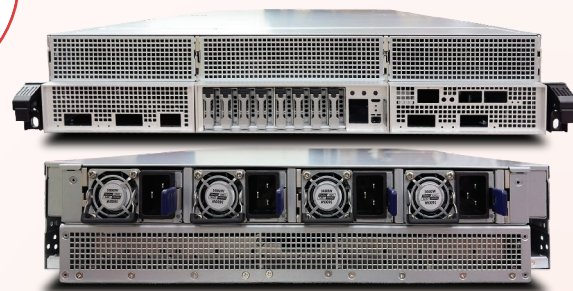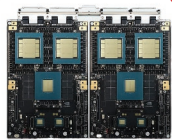# Tyrone Camarero Specifications

Camerero: TDN100E1B-28N4 LC

Key Feature

- Dual Nvidia 72-core Grace CPUs of upto 300W TDP with liquid cooling
- Dual HPMs connected via 150GB/s CPU-CPU Link.
- 960GB (480GB/CPU) ECC LPDDR5X onboard memory.
- Quad GB200 (2x per HPM) GPUs connected via 4 NVLINK
- 8 x front hot-swap E1.S NVMe drive bays
- 1 x M.2 slot with PCIe Gen5 x4 interface
- Quad 800G ConnectX®-8 + 2 x PCIe 5.0 x16 OR 4 x PCIe 5.0 x16 Expansion slots
- Latest AST2600 BMC Controller iKVM, vMedia support
- 80+ Titanium CRPS Power Supply with N+1 redundancy.
- Built-in Hardware security(TPM 2.0)
- Cryptographically signed firmware using CEC1736 EROT

Processor

Processor	NVIDIA Dual 72-core CPUs on a Grace™ CPU Superchip supports upto 300W TDP (Liquid Cooled)

System Memory

Memory Capacity	Upto 960GB ECC LPDDR5X

Expansion Slot

PCI-Express	Quad 800G ConnectX®-8 + 2 x PCIe 5.0 x16 FHHL OR 4 x PCIe 5.0 x16 FHHL Expansion slots

I/O Ports

I/O Ports	4 x OSFP 800Gb InfiniBand with NVIDIA ConnectX®-8 SuperNIC (optional)(Front) 2 x QSFP-DD 200Gb InfiniBand with NVIDIA® BlueField®-3 (optional) (Front) 1 x 1000Base- Dedicated Server Management Port (Front) 1 x 2.5Gbe RJ45 Port (Front) 1 x Mini-DP (Front), 1 x Debug port (Front) 1 x USB 3.0 Type-A (Front)

Environment

Temperature	Operation temperature: 10°C ~ 35°C Non-operation temperature: -40°C ~ 70°C
Humidity	Non-operation humidity: 20% ~ 90% (Non condensing)

LEDs / Buttons

LEDs	1 x Sytem information LED 1 x Reset Button 1 x Power Button

Drive bays

HDD Bays	4 to 8 front hot-swap E1.S NVMe drive bays 1 x M.2 slot with PCIe Gen5 x4 interface

Power Supply

Power Supply	(3 + 1)3200W 80+ Redundant Titanium Level power supplies Powercord (C19-C20)

Cooling System

Cooling Mechanism	Liquid cooling - Direct to chip (D2C) Partner Cool

Form Factor

Form Factor	2U Rackmount

Dimensions

Dimensions	438mm (W) x 87mm (H) x 768mm (D)

Email : Info@tyronesystems.com
For more/current product information, Visit
www.tyronesystems.com