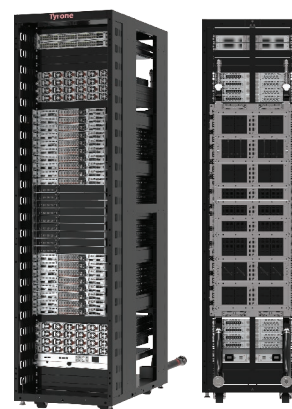


Tyrone Camarero PN3672B300N72-48RA

High-density liquid-cooled AI rack solution featuring 72 NVIDIA Blackwell Ultra GPUs and 36 NVIDIA Grace CPUs for large-scale AI training and inference.

One Server Family Every Computing Possibility

From enterprise applications and cloud infrastructure to HPC, AI and data-intensive computing, Tyrone Camarero brings a broad spectrum of server architectures under one family. Built to support diverse processors, accelerators, memory, storage and connectivity requirements, Camarero gives organizations the flexibility to match infrastructure precisely to their workloads - while maintaining enterprise-grade performance, scalability, reliability, manageability and security.



The Camarero Computing Spectrum

CAMARERO

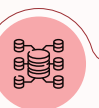
ONE SERVER FAMILY. EVERY COMPUTING POSSIBILITY.



Enterprise Compute
Powering business-critical applications



Virtualization & Cloud
Flexible infrastructure for modern IT environments



Data & Storage
Built for data-intensive and storage-rich workloads



HPC
Accelerating scientific and technical computing



AI & Accelerated Computing
Enabling next-generation intelligent workloads

Applications

Processor Choice Intel®, AMD & NVIDIA platform applications.	CPU to GPU Flexibility Configurations aligned to workload needs.	Memory & I/O Scalability Built to support growing performance demands.
Flexible Storage Architecture Options for diverse data requirements.	High Speed Networking Designed for efficient Data Movement	Enterprise Management & Security Designed for efficient Data Movement

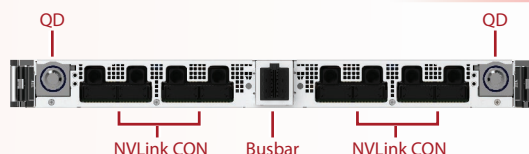
Key features

- High-density rack layout featuring 18 GB300 compute trays and 9 NVLink switch trays
- Massive AI processing power via 72 integrated Blackwell Ultra GPUs
- Efficient enterprise host computing driven by 36 Grace CPUs
- Ultra-low latency GPU-to-GPU interconnect NVLink Switch Fabric
- Extreme throughput with 800Gb/s high-speed network interfaces
- Advanced thermal efficiency using direct-to-chip liquid cooling
- Fully integrated, turnkey 48U infrastructure tailored for large-scale AI
- Robust out-of-band monitoring and remote management via ASPEED AST2600
- Enterprise-grade hardware security backed by TPM 2.0 and ERoT

FRONT



REAR



Supported OS



Specifications	
Processor	36 x NVIDIA Grace CPUs 2 x NVIDIA Grace CPUs, TDP up to 300W (Per Compute) Chipset: NVIDIA Grace Processor (72 ARM Neoverse V2 cores)
System Memory	CPU Memory: 17TB LPDDR5X with ECC Memory Bandwidth: Up to 14 TB/s GPU Memory: 20TB HBM3e Memory Bandwidth: Up to 576 TB/s
GPU	72 NVIDIA Blackwell™ Ultra GPUs 4 x NVIDIA Blackwell™ Ultra GPUs, TDP up to 1400W (Per Compute)
NIC	72 x ConnectX®-8 SuperNICs ports, 18 x NVIDIA BlueField®-3 DPUs Per Rack 4 x NVIDIA ConnectX®-8 SuperNIC™ ports (800Gb/s) Per Compute 1 x NVIDIA BlueField®-3 DPUs (Dual Port 400Gb/s) Per Compute 1 x I210 1GbE port (Per Compute)
RAID	Optional
Drive bays	4x E1.s NVMe SSD 1x M.2 2280/22110 NVMe SSD
Display	1x Mini-DP Port
Management	2 x SN2201 Switch (OOB) 1 x RJ45 connector for dedicated IPMI / BMC management port (Per Compute)
Security	BMC ERoT TPM 2.0
Ports	1 x 1000Base-T Dedicated Server Management Port (Rear) 1 x RJ45 PXE 1G (Front) 1 x Mini Display Port (Front) 2 x Liquid Inlet/Outlet QD (Rear) 1 x USB 3.2 Type-A port (Front)
Indicators	1 x Power button with LED (Front) 1 x Reset button (Front) 2 x LAN LED (Front) 1 x NVLink LED (Front) 1 x UID button with LED (Front) 1 x Alarm Status LED (Front)
Cooling System	Cooling Architecture: Direct-to-chip liquid cooling 8 x Hot Swappable 50 x 56 mm PWM-Controlled Cooling Fans (per compute)
Power Supply	(4+4) 33kW Power shelve (Default) (4+2) 33kW Power shelf (Optional) Power shelf: 6 x 5.5kW Hot swappable PSU each power shelf
Form Factor	48U MGX Rack
Dimensions & Weight	Product Dimensions : 600mm (W) x 2296mm (H) x 1200mm (D) Packing Dimensions : 1220mm (W) x 2500mm (H) x 1680mm (D) Net Weight: 1578 Kg Gross Weight: 1877 Kg
Environment	System Operating Temperature: 0°C ~ 35°C Non-operating Temperature: -20°C ~ 70°C Operating Relative Humidity: 8% to 80% (non-condensing) Non-operating Relative Humidity: 8% to 90% (non-condensing)

SKU	Description
PN3672B300N72-48RA	48U MGX Rack Solution with Hose Pipe and Power Cord Direct-to-chip liquid cooling with In Row or In Rack solution (Optional)

Warranty
Warranty period and service level are defined as per the applicable quotation, purchase order or service agreement. Extended warranty and AMC options are available.
Please check www.tyronesystems.com/supports/support_condition.php for the warranty terms.

FOR MORE INFORMATION
To find more about Tyrone camarero products and solutions, visit www.tyronesystems.com/servers/Latest_Generation.php