

LiquidMax® RackScale 72 with NVIDIA GB300 NVL72

36 Grace™ Arm® Neoverse V2 CPUs and 72 Blackwell Ultra GPUs



Per Rack:

- 18 x Compute Tray + 9 x Switch Tray
- Fully Liquid-cooled

Per Tray:

- 4 x NVIDIA Blackwell Ultra GPU + 2 x Grace™ CPU
- 960GB LPDDR5X + 1152GB HBM3e
- 4x NVIDIA NVLink™ Switch
- 2 x NVIDIA ConnectX®-8 NICs (1-port 800Gb/s)
- 1 x BlueField®-3 DPU (400Gb/s)

Specifications

Chassis Form Factor	• 48 RU MGX rack • 18x computing tray per rack
Processor	Per Node Specifications • Number of Processors: 2 • Processor Type: NVIDIA Grace™ Arm® Neoverse V2 CPUs (72-core) • Max. TDP Support: Up to 300 W
GPU	• 4x NVIDIA Blackwell Ultra Tensor Core GPUs, 1400 W TDP
Memory	• Total Slots: Onboard memory • Memory Type: Per tray: - CPU: 2x 480 GB LPDDR5X - GPU: 4x 288 GB HBM3e
Storage	• 8 x E1.S NVMe
Onboard Storage	• 1 x M.2 2280/22110 NVMe
Management	• ASPEED® AST2600
Networking	• Per Tray: - 4x NVIDIA NVLink™ Switch - 2x NVIDIA ConnectX®-8 NICs (1-port 800 Gb/s) - 1x NVIDIA BlueField®-3 DPU (400 Gb/s)
Front I/O Ports	• 1 x I/O module
Power Supply	• Power shelf; 6 x 1U 33 kW (6 x 5.5 kW PSUs)