

LiquidMax® ALC-4872U GB300 NVL72 AI POD

NVIDIA GB300 NVL72 with 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)

GB300 NVL72 Rack Specifications

GPUs	• 72x NVIDIA Blackwell B300 GPUs
CPUs	• 36x NVIDIA Grace™ Arm Neoverse V2 CPUs
Compute Trays	• 18x GB300 Compute Tray
NVLink Switch Trays	• 9x 5th Gen NVLink Switch • Total NVLink Bandwidth – 130TB/s
Management Switch Trays	• 3x NVIDIA SN2201 Management Switches
Power Shelves	• 6x 1U 33KW (6x 5.5KW PSUs)
Rack Dimensions	• 48U MGX Rack HxWxD • 2296mm x 600mm x 1068mm • 90.39 in x 23.62 in x 42.05 in

1U with 2x NVIDIA GB300 Grace™ Blackwell Ultra Superchips Specifications

CPU & GPU	• 2x NVIDIA Grace™ Arm® Neoverse V2 CPUs (72-core) • 4x NVIDIA Blackwell Ultra Tensor Core GPUs
CPU Memory	• 960GB LPDDR5X per tray
GPU Memory	• 1,152GB HBM3e per tray
Networking	• 4x NVIDIA NVLink Switch • 2x NVIDIA ConnectX®-8 NICs (1-port 800Gb/s) • 1x NVIDIA BlueField®-3 DPUs (400Gb/s)
Storage	• 8x E1.S NVMe

