

# **GB300 Liquid-Cooled Switch**





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# **NVIDIA GB300 NVL72: Blackwell Ultra Deployment**

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Blog / GPU Hardware & Chips Why the NVIDIA GB300 NVL72 (Blackwell Ultra) Matters ?  
NVIDIA's GB300 NVL72 delivers 1.5x more AI

## **XA GB721-E2 , ASUS Servers**

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NVIDIA GB300 NVL72 Full-rack solution with 72 NVIDIA® Blackwell Ultra GPUs, 36 NVIDIA Grace CPUs, and 5th-gen NVIDIA NVLink, engineered for trillion

## **Technical Analysis of GB300 Liquid Cooling**

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Explore the breakthrough liquid cooling technologies in NVIDIA GB300, featuring slot-based design, liquid metal interfaces, and closed-loop thermal

## **DGX GB300: AI Factory Infrastructure for Enterprises**

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NVIDIA DGX(TM) GB300 is the highest-performing, largest-scale AI system available for enterprises. Built with NVIDIA Grace(TM) Blackwell Ultra Superchips and

## **ASUS Showcases NVIDIA GB300 NVL72 at SC25**

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ASUS showcases NVIDIA GB300 NVL72 & Blackwell architecture at SC25! Discover rack-scale AI, 10-petaflops power, liquid cooling & end-to-end



## **NVIDIA GB300 NVL72 by HPE Data sheet**

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Do you need a highly performant, integrated solution for training, tuning or inferencing of AI models over one trillion parameters? The NVIDIA GB300 NVL72 by HPE is a liquid-cooled, rack-scale solution

## **NVIDIA GB300 GPU Liquid Cooling Breakthrough**

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Currently, the GB300's switch tray is still predominantly air-cooled, with only the main chip being water-cooled. However, NVIDIA has revealed plans

## **Liquid Cooling for NVIDIA GB300 "Blackwell Ultra"**

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NVIDIA promotes the GB300 NVL72 as the top configuration: these liquid-cooled racks, built with Grace Blackwell Ultra Superchips, achieve exascale



## **NVIDIA Blackwell Ultra GB300: Liquid cooling or**

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The solution? For NVIDIA, it's "liquid cooling or nothing". With the Blackwell Ultra GB300 AI servers, which are to be presented at GTC 2025,

## **Nvidia GB200 Forces Chassis Sector Pivot to Liquid**

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Nvidia's GB200 platform has crossed the 120kW power density threshold, forcing server chassis manufacturers to abandon air-cooled designs

## **Designed for AI Reasoning Performance & Efficiency**

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The NVIDIA GB300 NVL72 features a fully liquid-cooled, rack-scale design that unifies 72 NVIDIA Blackwell Ultra GPUs and 36 Arm based NVIDIA Grace CPUs

## **Microsoft Signs \$9.7 Billion IA Cloud Deal with IREN:**

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IREN Limited (NASDAQ: IREN) has announced a multi-year GPU cloud services contract with Microsoft valued at approximately \$9.7 billion, which includes a 20%

## **Microsoft Azure Unveils World's First NVIDIA GB300**

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Driving the Future of AI Delivering the world's first production NVIDIA GB300 NVL72 cluster at this scale required a reimagination of every layer of



## Designed for AI Reasoning Performance & Efficiency

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The NVIDIA GB300 NVL72 features a fully liquid-cooled, rack-scale architecture that integrates 72 NVIDIA Blackwell Ultra GPUs and 36 Arm®-based NVIDIA Grace(TM)

## Gigabyte GIGAPOD and GB300 NVL72 Compute

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Gigabyte GTC25 Gigapod Liquid Cooled 04 The demo model on the show floor was a NVIDIA HGX H200 board, but this can support the HGX B200

## ASUS AI Pod NVIDIA GB300 NVL72 at NVIDIA GTC 2025

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Between these compute nodes, there are 9 NVLink Switch sleds. The entire rack is connected through the NVLink cartridges at the rear. Those four



## **Lenovo NVIDIA GB300 NVL72 Datasheet > Lenovo Press**

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Efficient Hybrid Cooling for Sustainable AI Growth To support its exceptionally high compute density, the GB300 NVL72 uses a hybrid cooling design that relies primarily on warm water

## **Dell ships first Nvidia GB300 NVL72 to CoreWeave**

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The Nvidia GB300 NVL72 rack-scale solution connects 72 Blackwell Ultra GPUs and 36 Arm Neoverse-based Nvidia Grace CPUs in a single liquid-cooled rack, which

## **Supermicro NVIDIA GB300 NVL72 Datasheet**

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At the data center-level, Supermicro's leading direct liquid cooling ensures thermal stability for the most demanding AI workloads. In particular, the GB300 NVL72 offers dramatic speedups for AI training

## **The NVIDIA GB300 NVLink Liquid-Cooled Switch**

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Displayed at NVIDIA GTC 2025, the GB300 NVLink switch tray is positioned between the GB300 compute blades. Unlike many contemporary switch designs, this unit employs a liquid-cooling

## **Switch deploys new hybrid air and liquid cooling design,**

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Switch's traditional proprietary designs feature hot-aisle containment, but the company is already offering liquid cooling in Las Vegas; it is hosting an



## **NVIDIA GB300 NVL72: 72 GPUs, 1.44 Exaflops in One Rack**

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NVIDIA's GB300 NVL72 packs 72 Blackwell Ultra GPUs into a single liquid-cooled rack delivering 1.44 exaflops. Here's what it means for AI compute.

## **NVIDIA's AI AI server evolution: GB300 production**

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NVIDIA's GB300 "Blackwell Ultra" AI servers enter production with shipments starting in September, while the company already prepares for the

## **Supermicro Adds Portfolio for Next Wave of AI with**

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Liquid-Cooled AI Data Center Building Block Solutions Expertise in liquid cooling, data center deployment, and building block approach positions Supermicro to



## **ASUS AI Pod NVIDIA GB300 NVL72 at NVIDIA GTC 2025**

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ASUS AI Pod NVIDIA GB300 Node Rear To Mid Liquid Cooling There is also a NVIDIA BlueField-3 DPU that would be liquid cooled as well as the

## **Gigawatt-Scale AI Factories: NVIDIA GB300 NVL72**

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Direct-to-chip liquid cooling ensures these systems run at peak utilization without thermal throttling, making it possible to deploy NVIDIA GB300

## **GB200 NVL72 , NVIDIA**

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## **GB300 Liquid Cooling Requirements 2026 , ToneCooling**

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Gb300 Liquid Cooling Requirements 2026 is a high-performance thermal management solution engineered by ToneCooling for demanding applications. NVIDIA's GB300 represents the

### **Contact Us**

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