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Global GPU Liquid Cooling Lids Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global GPU Liquid Cooling Lids market size is expected to reach $ 1326 million by 2032, rising at a market growth of 19.7% CAGR during the forecast period (2026-2032).

In 2025, global GPU Liquid Cooling Lids production reached approximately 1.2 million units, with an average global market price of around USD 300 per unit.

The gross profit margin of major companies in the industry was approximately 30%–48%.

In 2025, global production capacity of GPU Liquid Cooling Lids was approximately 1.55 million units.

GPU Liquid Cooling Lids are thermal management components integrated directly above high-power GPU packages to transfer processor heat into a circulating liquid coolant. They combine package-level heat spreading with liquid cooling and typically incorporate precision flow channels, sealing structures, coolant interfaces, and thermally optimized contact surfaces. These products are primarily used in AI accelerators, high-performance GPUs, servers, and other high-density computing platforms.

The industrial chain of GPU Liquid Cooling Lids includes upstream copper and aluminum materials, thermal interface materials, seals, connectors, precision machining, and surface treatment technologies; midstream covers thermal and fluid design, machining, bonding, assembly, leak testing, and reliability validation; downstream applications mainly include AI accelerators, GPU servers, high-performance computing systems, data centers, and other liquid-cooled computing platforms.

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Report Scope

This report studies the global GPU Liquid Cooling Lids production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for GPU Liquid Cooling Lids and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of GPU Liquid Cooling Lids that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global GPU Liquid Cooling Lids total production and demand, 2021-2032, (K Units)

Global GPU Liquid Cooling Lids total production value, 2021-2032, (USD Million)

Global GPU Liquid Cooling Lids production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global GPU Liquid Cooling Lids consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: GPU Liquid Cooling Lids domestic production, consumption, key domestic manufacturers and share

Global GPU Liquid Cooling Lids production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global GPU Liquid Cooling Lids production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global GPU Liquid Cooling Lids production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

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This report profiles key players in the global GPU Liquid Cooling Lids market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include CoolIT Systems Inc., Boyd Corporation, JetCool Technologies Inc., nVent Electric plc, Parker-Hannifin Corporation, Asetek A/S, EKWB d.o.o., Auras Technology Co., Ltd., Asia Vital Components Co., Ltd., Delta Electronics, Inc., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World GPU Liquid Cooling Lids market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (K Units) and average price (US$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global GPU Liquid Cooling Lids Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

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Rest of World

Market Segmentation

Global GPU Liquid Cooling Lids Market, Segmentation by Type:

Microchannel Cooling Lids

Jet-impingement Cooling Lids

Hybrid Channel–Jet Cooling Lids

Global GPU Liquid Cooling Lids Market, Segmentation by Lid Material:

Copper Cooling Lids

Copper Alloy Cooling Lids

Composite Metal Cooling Lids

Global GPU Liquid Cooling Lids Market, Segmentation by Supported GPU Thermal Design Power:

Standard-power(?500 W)

High-power(>500–1,000 W)

Ultra-high-power(>1,000 W)

Global GPU Liquid Cooling Lids Market, Segmentation by Application:

AI Training GPU Cooling

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AI Inference GPU Cooling

HPC and Graphics GPU Cooling

Other

Companies Profiled:

CoolIT Systems Inc.

Boyd Corporation

JetCool Technologies Inc.

nVent Electric plc

Parker-Hannifin Corporation

Asetek A/S

EKWB d.o.o.

Auras Technology Co., Ltd.

Asia Vital Components Co., Ltd.

Delta Electronics, Inc.

Foxconn Industrial Internet Co., Ltd.

Shenzhen Envicool Technology Co., Ltd.

Shenzhen FRD Science & Technology Co., Ltd.

Cooler Master Technology Inc.

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Dongguan Leaderway Technology Co., Ltd.

Key Questions Answered

1. How big is the global GPU Liquid Cooling Lids market?
2. What is the demand of the global GPU Liquid Cooling Lids market?
3. What is the year over year growth of the global GPU Liquid Cooling Lids market?
4. What is the total value of the global GPU Liquid Cooling Lids market?
5. Who are the Major Players in the global GPU Liquid Cooling Lids market?
6. What are the growth factors driving the market demand?

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