+357 96 030922
info@marketpublishers.com

Global AI Server Liquid Cooling Piping Components Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GEE8CAD87963EN.html
Date: September 2026
Pages: 145
Price: US$ 4,480.00 (Single User License)
ID: GEE8CAD87963EN

Abstracts

The global AI Server Liquid Cooling Piping Components market size is expected to reach $ 3969 million by 2032, rising at a market growth of 13.7% CAGR during the forecast period (2026-2032).

AI Server Liquid Cooling Piping Components refer to fluid transmission and connection components used in liquid cooling systems for artificial intelligence servers, high-performance computing (HPC) servers, and high-density data centers. These components enable efficient coolant circulation between cooling distribution units (CDUs), cold plates, manifolds, pumps, heat exchangers, and other thermal management equipment. The product scope mainly covers liquid cooling hoses, rigid piping, quick connectors, pipe fittings, valves, manifolds, sealing components, and related fluid control parts. These components require high pressure resistance, low leakage performance, corrosion resistance, low ion precipitation, thermal reliability, and long-term durability under continuous liquid cooling operation.

Key Findings

AI server liquid cooling piping components are essential infrastructure parts for high-density AI computing thermal management systems

Rack-level and cold plate liquid cooling architectures represent the primary demand areas for piping components

North America leads the high-performance data center liquid cooling component market with strong AI infrastructure investment

+357 96 030922
info@marketpublishers.com

Quick connectors and manifolds are becoming critical components for scalable liquid cooling deployment

Major suppliers compete through reliability, customization capability, and global data center supply chains

Market Trends

The AI Server Liquid Cooling Piping Components market is experiencing rapid technological evolution driven by increasing server power density and the transition from traditional air cooling to advanced liquid cooling solutions. AI accelerator platforms with higher thermal design power requirements are accelerating the adoption of cold plate liquid cooling, rack-level liquid cooling, and customized coolant distribution systems. Future product development is focused on improving connector reliability, reducing leakage risks, enhancing material compatibility with different coolant types, and supporting higher flow rates. Suppliers are increasingly developing integrated piping assemblies combining hoses, manifolds, connectors, and monitoring functions to meet the requirements of hyperscale data centers and AI computing clusters.

Market Dynamics

Drivers

The primary growth drivers include the expansion of artificial intelligence computing infrastructure, increasing deployment of GPU-based servers, rising rack power density, and growing demand for energy-efficient data centers. As conventional air cooling becomes insufficient for next-generation AI servers, liquid cooling systems require higher-performance piping components capable of stable operation under high thermal loads. Government investment in digital infrastructure and hyperscale cloud computing expansion further accelerate adoption.

Restraints

Market development is constrained by high qualification requirements, strict reliability standards, complex integration processes, and limited supplier experience in advanced

+357 96 030922
info@marketpublishers.com

liquid cooling applications. Component failures such as leakage or contamination can cause significant damage to expensive computing equipment, resulting in demanding certification and testing requirements. The diversity of coolant materials and system architectures also increases product development complexity.

Opportunities

Future opportunities are concentrated in AI data centers, supercomputing facilities, edge AI infrastructure, and next-generation rack-level cooling systems. The increasing adoption of direct-to-chip cooling and higher-density computing platforms creates demand for advanced quick connectors, high-performance hoses, and customized manifolds. Companies with strong precision manufacturing capabilities, sealing technologies, and thermal management expertise are expected to benefit from market expansion.

Challenges

The industry faces challenges including rapid technology changes, uncertainty in liquid cooling architecture standards, supply chain requirements from global data center operators, and increasing competition among component manufacturers. Maintaining long-term reliability while reducing manufacturing costs and achieving compatibility with emerging cooling technologies will remain critical challenges.Industry Chain Analysis

The industry chain of AI Server Liquid Cooling Piping Components consists of upstream materials and component suppliers, midstream component manufacturers, and downstream system integrators and end users. Upstream suppliers provide engineering plastics, stainless steel, copper alloys, sealing materials, precision machining components, and surface treatment technologies. Midstream manufacturers produce liquid cooling hoses, quick connectors, manifolds, valves, and integrated piping assemblies through precision manufacturing and reliability testing. Downstream markets include AI data centers, cloud service providers, telecommunications operators, government computing centers, healthcare computing platforms, and HPC facilities, where liquid cooling systems are deployed to support high-performance computing operations.

Value Chain Analysis

+357 96 030922
info@marketpublishers.com

Value creation in AI server liquid cooling piping components is mainly generated through material engineering, precision manufacturing, reliability validation, and system integration capabilities. Manufacturers with advanced sealing technologies, low-leakage connector designs, and customized engineering services can achieve higher added value. Close cooperation with server manufacturers, liquid cooling solution providers, and data center operators is becoming increasingly important for maintaining competitiveness.

Segment Insights

By product type, quick connectors, liquid cooling manifolds, and high-performance hoses represent the core segments of the market because they directly affect coolant circulation efficiency, maintenance convenience, and system reliability. Quick connectors are particularly important for rack-level liquid cooling deployment due to their role in enabling rapid installation and serviceability. By liquid cooling structure, cold plate liquid cooling currently represents the mainstream architecture for AI servers, while rack-level liquid cooling is becoming a fast-growing direction as rack power density increases. Immersion liquid cooling requires specialized piping solutions with stronger coolant compatibility and sealing performance.

Downstream Market Opportunities

The downstream demand for AI server liquid cooling piping components is mainly generated by hyperscale data centers, cloud computing companies, AI infrastructure operators, telecommunications networks, government computing platforms, and research supercomputing centers. AI training clusters and large-scale inference facilities are expected to create significant demand because these applications require continuous operation, high computing density, and reliable thermal management systems. The expansion of enterprise AI adoption will further broaden opportunities beyond traditional data center customers.

Regional Insights

North America represents one of the leading regional markets due to strong AI infrastructure investment, large-scale cloud service providers, and advanced data center development. Europe maintains demand through energy efficiency requirements and sustainable data center initiatives. Asia-Pacific is becoming a major growth region

+357 96 030922
info@marketpublishers.com

driven by AI server manufacturing capacity, semiconductor ecosystem development, and rapid expansion of digital infrastructure in China, Japan, South Korea, and Taiwan. Regional competition is increasingly focused on localized supply chains, engineering response capabilities, and cooperation with data center ecosystem partners.

Competitive Landscape Analysis

The competitive landscape of AI Server Liquid Cooling Piping Components includes global fluid control specialists, thermal management companies, precision component manufacturers, and regional liquid cooling solution providers. Companies such as Parker Hannifin, Gates, Danfoss, Swagelok, Colder Products Company, Nitto Kohki, Stäubli, and Boyd Corporation have strong capabilities in fluid connection technologies and industrial cooling applications. Chinese and Taiwan-based companies including Envicool, Goaland, FRD, Tongfei, Auras, and related precision component suppliers are strengthening their positions through AI data center liquid cooling deployment. Competition is increasingly centered on leakage prevention, connector reliability, customization capability, manufacturing scale, and integration with complete liquid cooling solutions.

Report Scope

This report studies the global AI Server Liquid Cooling Piping Components demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for AI Server Liquid Cooling Piping Components, 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 AI Server Liquid Cooling Piping Components that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global AI Server Liquid Cooling Piping Components total market, 2021-2032, (USD Million)

+357 96 030922
info@marketpublishers.com

Global AI Server Liquid Cooling Piping Components total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: AI Server Liquid Cooling Piping Components total market, key domestic companies, and share, (USD Million)

Global AI Server Liquid Cooling Piping Components revenue by player, revenue and market share 2021-2026, (USD Million)

Global AI Server Liquid Cooling Piping Components total market by Type, CAGR, 2021-2032, (USD Million)

Global AI Server Liquid Cooling Piping Components total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global AI Server Liquid Cooling Piping Components market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Parker Hannifin, Gates, Danfoss, Auras, Boyd Corporation, Nitto Kohki, Stäubli, Vertiv, nVent, Colder Products Company, 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 AI Server Liquid Cooling Piping Components market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), by player, by regions, 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 AI Server Liquid Cooling Piping Components Market, By

+357 96 030922
info@marketpublishers.com

Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Market Segmentation

Global AI Server Liquid Cooling Piping Components Market, Segmentation by Type:

Liquid Cooling Hose

Quick Connectors

Liquid Cooling Manifolds

Others

Global AI Server Liquid Cooling Piping Components Market, Segmentation by Liquid Cooling Structures:

Cold Plate Liquid Cooling

+357 96 030922
info@marketpublishers.com

Immersion Liquid Cooling

Rack-Level Liquid Cooling

Global AI Server Liquid Cooling Piping Components Market, Segmentation by Application:

Telecommunications

Government

Healthcare

Other

Companies Profiled:

Parker Hannifin

Gates

Danfoss

Auras

Boyd Corporation

Nitto Kohki

Stäubli

Vertiv

nVent

Colder Products Company

+357 96 030922
info@marketpublishers.com

Swagelok

Remindore Technology

Envicool Technology Co., Ltd.

Guangzhou Goaland Energy Conservation Tech. Co., Ltd

Shenzhen FRD Science & Technology Co., Ltd.

Jonhon Optronic Technology Co., Ltd.

Tongfei Co., Ltd.

Yimikang Tech. Group Co., Ltd.

Zhongding Group

Key Questions Answered

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

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

1.1 AI Server Liquid Cooling Piping Components Introduction
1.2 World AI Server Liquid Cooling Piping Components Market Size & Forecast (2021 & 2025 & 2032)
1.3 World AI Server Liquid Cooling Piping Components Total Market by Region (by Headquarter Location)
  1.3.1 World AI Server Liquid Cooling Piping Components Market Size by Region (2021-2032), (by Headquarter Location)
  1.3.2 United States Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.3 China Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.4 Europe Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.5 Japan Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.6 South Korea Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.7 ASEAN Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032)
  1.3.8 India Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032)
1.4 Market Drivers, Restraints and Trends
  1.4.1 AI Server Liquid Cooling Piping Components Market Drivers
  1.4.2 Factors Affecting Demand
  1.4.3 Major Market Trends

2 DEMAND SUMMARY

2.1 World AI Server Liquid Cooling Piping Components Consumption Value (2021-2032)
2.2 World AI Server Liquid Cooling Piping Components Consumption Value by Region
  2.2.1 World AI Server Liquid Cooling Piping Components Consumption Value by Region (2021-2026)
  2.2.2 World AI Server Liquid Cooling Piping Components Consumption Value Forecast by Region (2027-2032)

+357 96 030922
info@marketpublishers.com

2.3 United States AI Server Liquid Cooling Piping Components Consumption Value (2021-2032)
2.4 China AI Server Liquid Cooling Piping Components Consumption Value (2021-2032)
2.5 Europe AI Server Liquid Cooling Piping Components Consumption Value (2021-2032)
2.6 Japan AI Server Liquid Cooling Piping Components Consumption Value (2021-2032)
2.7 South Korea AI Server Liquid Cooling Piping Components Consumption Value (2021-2032)
2.8 ASEAN AI Server Liquid Cooling Piping Components Consumption Value (2021-2032)
2.9 India AI Server Liquid Cooling Piping Components Consumption Value (2021-2032)

3 WORLD AI SERVER LIQUID COOLING PIPING COMPONENTS COMPANIES COMPETITIVE ANALYSIS

3.1 World AI Server Liquid Cooling Piping Components Revenue by Player (2021-2026)
3.2 Industry Rank and Concentration Rate (CR)
  3.2.1 Global AI Server Liquid Cooling Piping Components Industry Rank of Major Players
  3.2.2 Global Concentration Ratios (CR4) for AI Server Liquid Cooling Piping Components in 2025
  3.2.3 Global Concentration Ratios (CR8) for AI Server Liquid Cooling Piping Components in 2025
3.3 AI Server Liquid Cooling Piping Components Company Evaluation Quadrant
3.4 AI Server Liquid Cooling Piping Components Market: Overall Company Footprint Analysis
  3.4.1 AI Server Liquid Cooling Piping Components Market: Region Footprint
  3.4.2 AI Server Liquid Cooling Piping Components Market: Company Product Type Footprint
  3.4.3 AI Server Liquid Cooling Piping Components Market: Company Product Application Footprint
3.5 Competitive Environment
  3.5.1 Historical Structure of the Industry
  3.5.2 Barriers of Market Entry
  3.5.3 Factors of Competition
3.6 Mergers & Acquisitions Activity

+357 96 030922
info@marketpublishers.com

4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)

4.1 United States VS China: AI Server Liquid Cooling Piping Components Revenue Comparison (by Headquarter Location)
  4.1.1 United States VS China: AI Server Liquid Cooling Piping Components Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)
  4.1.2 United States VS China: AI Server Liquid Cooling Piping Components Revenue Market Share Comparison (2021 & 2025 & 2032)
4.2 United States Based Companies VS China Based Companies: AI Server Liquid Cooling Piping Components Consumption Value Comparison
  4.2.1 United States VS China: AI Server Liquid Cooling Piping Components Consumption Value Comparison (2021 & 2025 & 2032)
  4.2.2 United States VS China: AI Server Liquid Cooling Piping Components Consumption Value Market Share Comparison (2021 & 2025 & 2032)
4.3 United States Based AI Server Liquid Cooling Piping Components Companies and Market Share, 2021-2026
  4.3.1 United States Based AI Server Liquid Cooling Piping Components Companies, Headquarters (States, Country)
  4.3.2 United States Based Companies AI Server Liquid Cooling Piping Components Revenue, (2021-2026)
4.4 China Based Companies AI Server Liquid Cooling Piping Components Revenue and Market Share, 2021-2026
  4.4.1 China Based AI Server Liquid Cooling Piping Components Companies, Company Headquarters (Province, Country)
  4.4.2 China Based Companies AI Server Liquid Cooling Piping Components Revenue, (2021-2026)
4.5 Rest of World Based AI Server Liquid Cooling Piping Components Companies and Market Share, 2021-2026
  4.5.1 Rest of World Based AI Server Liquid Cooling Piping Components Companies, Headquarters (Province, Country)
  4.5.2 Rest of World Based Companies AI Server Liquid Cooling Piping Components Revenue (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World AI Server Liquid Cooling Piping Components Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type

+357 96 030922
info@marketpublishers.com

5.2.1 Liquid Cooling Hose
5.2.2 Quick Connectors
5.2.3 Liquid Cooling Manifolds
5.2.4 Others
5.3 Market Segment by Type
5.3.1 World AI Server Liquid Cooling Piping Components Market Size by Type (2021-2026)
5.3.2 World AI Server Liquid Cooling Piping Components Market Size by Type (2027-2032)
5.3.3 World AI Server Liquid Cooling Piping Components Market Size Market Share by Type (2027-2032)

6 MARKET ANALYSIS BY LIQUID COOLING STRUCTURES

6.1 World AI Server Liquid Cooling Piping Components Market Size Overview by Liquid Cooling Structures: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Liquid Cooling Structures
6.2.1 Cold Plate Liquid Cooling
6.2.2 Immersion Liquid Cooling
6.2.3 Rack-Level Liquid Cooling
6.3 Market Segment by Liquid Cooling Structures
6.3.1 World AI Server Liquid Cooling Piping Components Market Size by Liquid Cooling Structures (2021-2026)
6.3.2 World AI Server Liquid Cooling Piping Components Market Size by Liquid Cooling Structures (2027-2032)
6.3.3 World AI Server Liquid Cooling Piping Components Market Size Market Share by Liquid Cooling Structures (2027-2032)

7 MARKET ANALYSIS BY APPLICATION

7.1 World AI Server Liquid Cooling Piping Components Market Size Overview by Application: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Application
7.2.1 Telecommunications
7.2.2 Government
7.2.3 Healthcare
7.2.4 Other
7.3 Market Segment by Application
7.3.1 World AI Server Liquid Cooling Piping Components Market Size by Application

+357 96 030922
info@marketpublishers.com

(2021-2026)
7.3.2 World AI Server Liquid Cooling Piping Components Market Size by Application (2027-2032)
7.3.3 World AI Server Liquid Cooling Piping Components Market Size Market Share by Application (2021-2032)

8 COMPANY PROFILES

8.1 Parker Hannifin
8.1.1 Parker Hannifin Details
8.1.2 Parker Hannifin Major Business
8.1.3 Parker Hannifin AI Server Liquid Cooling Piping Components Product and Services
8.1.4 Parker Hannifin AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.1.5 Parker Hannifin Recent Developments/Updates
8.1.6 Parker Hannifin Competitive Strengths & Weaknesses
8.2 Gates
8.2.1 Gates Details
8.2.2 Gates Major Business
8.2.3 Gates AI Server Liquid Cooling Piping Components Product and Services
8.2.4 Gates AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.2.5 Gates Recent Developments/Updates
8.2.6 Gates Competitive Strengths & Weaknesses
8.3 Danfoss
8.3.1 Danfoss Details
8.3.2 Danfoss Major Business
8.3.3 Danfoss AI Server Liquid Cooling Piping Components Product and Services
8.3.4 Danfoss AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.3.5 Danfoss Recent Developments/Updates
8.3.6 Danfoss Competitive Strengths & Weaknesses
8.4 Auras
8.4.1 Auras Details
8.4.2 Auras Major Business
8.4.3 Auras AI Server Liquid Cooling Piping Components Product and Services
8.4.4 Auras AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)

+357 96 030922
info@marketpublishers.com

8.4.5 Auras Recent Developments/Updates
8.4.6 Auras Competitive Strengths & Weaknesses
8.5 Boyd Corporation
8.5.1 Boyd Corporation Details
8.5.2 Boyd Corporation Major Business
8.5.3 Boyd Corporation AI Server Liquid Cooling Piping Components Product and Services
8.5.4 Boyd Corporation AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.5.5 Boyd Corporation Recent Developments/Updates
8.5.6 Boyd Corporation Competitive Strengths & Weaknesses
8.6 Nitto Kohki
8.6.1 Nitto Kohki Details
8.6.2 Nitto Kohki Major Business
8.6.3 Nitto Kohki AI Server Liquid Cooling Piping Components Product and Services
8.6.4 Nitto Kohki AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.6.5 Nitto Kohki Recent Developments/Updates
8.6.6 Nitto Kohki Competitive Strengths & Weaknesses
8.7 Stäubli
8.7.1 Stäubli Details
8.7.2 Stäubli Major Business
8.7.3 Stäubli AI Server Liquid Cooling Piping Components Product and Services
8.7.4 Stäubli AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.7.5 Stäubli Recent Developments/Updates
8.7.6 Stäubli Competitive Strengths & Weaknesses
8.8 Vertiv
8.8.1 Vertiv Details
8.8.2 Vertiv Major Business
8.8.3 Vertiv AI Server Liquid Cooling Piping Components Product and Services
8.8.4 Vertiv AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.8.5 Vertiv Recent Developments/Updates
8.8.6 Vertiv Competitive Strengths & Weaknesses
8.9 nVent
8.9.1 nVent Details
8.9.2 nVent Major Business
8.9.3 nVent AI Server Liquid Cooling Piping Components Product and Services

+357 96 030922
info@marketpublishers.com

8.9.4 nVent AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.9.5 nVent Recent Developments/Updates
8.9.6 nVent Competitive Strengths & Weaknesses
8.10 Colder Products Company
8.10.1 Colder Products Company Details
8.10.2 Colder Products Company Major Business
8.10.3 Colder Products Company AI Server Liquid Cooling Piping Components Product and Services
8.10.4 Colder Products Company AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.10.5 Colder Products Company Recent Developments/Updates
8.10.6 Colder Products Company Competitive Strengths & Weaknesses
8.11 Swagelok
8.11.1 Swagelok Details
8.11.2 Swagelok Major Business
8.11.3 Swagelok AI Server Liquid Cooling Piping Components Product and Services
8.11.4 Swagelok AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.11.5 Swagelok Recent Developments/Updates
8.11.6 Swagelok Competitive Strengths & Weaknesses
8.12 Remindore Technology
8.12.1 Remindore Technology Details
8.12.2 Remindore Technology Major Business
8.12.3 Remindore Technology AI Server Liquid Cooling Piping Components Product and Services
8.12.4 Remindore Technology AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.12.5 Remindore Technology Recent Developments/Updates
8.12.6 Remindore Technology Competitive Strengths & Weaknesses
8.13 Envicool Technology Co., Ltd.
8.13.1 Envicool Technology Co., Ltd. Details
8.13.2 Envicool Technology Co., Ltd. Major Business
8.13.3 Envicool Technology Co., Ltd. AI Server Liquid Cooling Piping Components Product and Services
8.13.4 Envicool Technology Co., Ltd. AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.13.5 Envicool Technology Co., Ltd. Recent Developments/Updates
8.13.6 Envicool Technology Co., Ltd. Competitive Strengths & Weaknesses

+357 96 030922
info@marketpublishers.com

8.14 Guangzhou Goaland Energy Conservation Tech. Co., Ltd
8.14.1 Guangzhou Goaland Energy Conservation Tech. Co., Ltd Details
8.14.2 Guangzhou Goaland Energy Conservation Tech. Co., Ltd Major Business
8.14.3 Guangzhou Goaland Energy Conservation Tech. Co., Ltd AI Server Liquid Cooling Piping Components Product and Services
8.14.4 Guangzhou Goaland Energy Conservation Tech. Co., Ltd AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.14.5 Guangzhou Goaland Energy Conservation Tech. Co., Ltd Recent Developments/Updates
8.14.6 Guangzhou Goaland Energy Conservation Tech. Co., Ltd Competitive Strengths & Weaknesses
8.15 Shenzhen FRD Science & Technology Co., Ltd.
8.15.1 Shenzhen FRD Science & Technology Co., Ltd. Details
8.15.2 Shenzhen FRD Science & Technology Co., Ltd. Major Business
8.15.3 Shenzhen FRD Science & Technology Co., Ltd. AI Server Liquid Cooling Piping Components Product and Services
8.15.4 Shenzhen FRD Science & Technology Co., Ltd. AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.15.5 Shenzhen FRD Science & Technology Co., Ltd. Recent Developments/Updates
8.15.6 Shenzhen FRD Science & Technology Co., Ltd. Competitive Strengths & Weaknesses
8.16 Jonhon Optronic Technology Co., Ltd.
8.16.1 Jonhon Optronic Technology Co., Ltd. Details
8.16.2 Jonhon Optronic Technology Co., Ltd. Major Business
8.16.3 Jonhon Optronic Technology Co., Ltd. AI Server Liquid Cooling Piping Components Product and Services
8.16.4 Jonhon Optronic Technology Co., Ltd. AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.16.5 Jonhon Optronic Technology Co., Ltd. Recent Developments/Updates
8.16.6 Jonhon Optronic Technology Co., Ltd. Competitive Strengths & Weaknesses
8.17 Tongfei Co., Ltd.
8.17.1 Tongfei Co., Ltd. Details
8.17.2 Tongfei Co., Ltd. Major Business
8.17.3 Tongfei Co., Ltd. AI Server Liquid Cooling Piping Components Product and Services
8.17.4 Tongfei Co., Ltd. AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.17.5 Tongfei Co., Ltd. Recent Developments/Updates
8.17.6 Tongfei Co., Ltd. Competitive Strengths & Weaknesses

+357 96 030922
info@marketpublishers.com

8.18 Yimikang Tech. Group Co., Ltd.
8.18.1 Yimikang Tech. Group Co., Ltd. Details
8.18.2 Yimikang Tech. Group Co., Ltd. Major Business
8.18.3 Yimikang Tech. Group Co., Ltd. AI Server Liquid Cooling Piping Components Product and Services
8.18.4 Yimikang Tech. Group Co., Ltd. AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.18.5 Yimikang Tech. Group Co., Ltd. Recent Developments/Updates
8.18.6 Yimikang Tech. Group Co., Ltd. Competitive Strengths & Weaknesses
8.19 Zhongding Group
8.19.1 Zhongding Group Details
8.19.2 Zhongding Group Major Business
8.19.3 Zhongding Group AI Server Liquid Cooling Piping Components Product and Services
8.19.4 Zhongding Group AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026)
8.19.5 Zhongding Group Recent Developments/Updates
8.19.6 Zhongding Group Competitive Strengths & Weaknesses

9 INDUSTRY CHAIN ANALYSIS

9.1 AI Server Liquid Cooling Piping Components Industry Chain
9.2 AI Server Liquid Cooling Piping Components Upstream Analysis
9.3 AI Server Liquid Cooling Piping Components Midstream Analysis
9.4 AI Server Liquid Cooling Piping Components Downstream Analysis

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

11.1 Methodology
11.2 Research Process and Data Source
11.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World AI Server Liquid Cooling Piping Components Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
Table 2. World AI Server Liquid Cooling Piping Components Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)
Table 3. World AI Server Liquid Cooling Piping Components Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)
Table 4. World AI Server Liquid Cooling Piping Components Revenue Market Share by Region (2021-2026), (by Headquarter Location)
Table 5. World AI Server Liquid Cooling Piping Components Revenue Market Share by Region (2027-2032), (by Headquarter Location)
Table 6. Major Market Trends
Table 7. World AI Server Liquid Cooling Piping Components Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)
Table 8. World AI Server Liquid Cooling Piping Components Consumption Value by Region (2021-2026) & (USD Million)
Table 9. World AI Server Liquid Cooling Piping Components Consumption Value Forecast by Region (2027-2032) & (USD Million)
Table 10. World AI Server Liquid Cooling Piping Components Revenue by Player (2021-2026) & (USD Million)
Table 11. Revenue Market Share of Key AI Server Liquid Cooling Piping Components Players in 2025
Table 12. World AI Server Liquid Cooling Piping Components Industry Rank of Major Player, Based on Revenue in 2025
Table 13. Global AI Server Liquid Cooling Piping Components Company Evaluation Quadrant
Table 14. Head Office of Key AI Server Liquid Cooling Piping Components Players
Table 15. AI Server Liquid Cooling Piping Components Market: Company Product Type Footprint
Table 16. AI Server Liquid Cooling Piping Components Market: Company Product Application Footprint
Table 17. AI Server Liquid Cooling Piping Components Mergers & Acquisitions Activity
Table 18. United States VS China AI Server Liquid Cooling Piping Components Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 19. United States VS China AI Server Liquid Cooling Piping Components Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)

+357 96 030922
info@marketpublishers.com

Table 20. United States Based AI Server Liquid Cooling Piping Components Companies, Headquarters (States, Country)
Table 21. United States Based Companies AI Server Liquid Cooling Piping Components Revenue, (2021-2026) & (USD Million)
Table 22. United States Based Companies AI Server Liquid Cooling Piping Components Revenue Market Share (2021-2026)
Table 23. China Based AI Server Liquid Cooling Piping Components Companies, Headquarters (Province, Country)
Table 24. China Based Companies AI Server Liquid Cooling Piping Components Revenue, (2021-2026) & (USD Million)
Table 25. China Based Companies AI Server Liquid Cooling Piping Components Revenue Market Share (2021-2026)
Table 26. Rest of World Based AI Server Liquid Cooling Piping Components Companies, Headquarters (Province, Country)
Table 27. Rest of World Based Companies AI Server Liquid Cooling Piping Components Revenue (2021-2026) & (USD Million)
Table 28. Rest of World Based Companies AI Server Liquid Cooling Piping Components Revenue Market Share (2021-2026)
Table 29. World AI Server Liquid Cooling Piping Components Market Size by Type, (USD Million), 2021 & 2025 & 2032
Table 30. World AI Server Liquid Cooling Piping Components Market Size Value by Type (2021-2026) & (USD Million)
Table 31. World AI Server Liquid Cooling Piping Components Market Size by Type (2027-2032) & (USD Million)
Table 32. World AI Server Liquid Cooling Piping Components Market Size by Liquid Cooling Structures, (USD Million), 2021 & 2025 & 2032
Table 33. World AI Server Liquid Cooling Piping Components Market Size Value by Liquid Cooling Structures (2021-2026) & (USD Million)
Table 34. World AI Server Liquid Cooling Piping Components Market Size by Liquid Cooling Structures (2027-2032) & (USD Million)
Table 35. World AI Server Liquid Cooling Piping Components Market Size by Application, (USD Million), 2021 & 2025 & 2032
Table 36. World AI Server Liquid Cooling Piping Components Market Size by Application (2021-2026) & (USD Million)
Table 37. World AI Server Liquid Cooling Piping Components Market Size by Application (2027-2032) & (USD Million)
Table 38. Parker Hannifin Basic Information, Manufacturing Base and Competitors
Table 39. Parker Hannifin Major Business
Table 40. Parker Hannifin AI Server Liquid Cooling Piping Components Product and

+357 96 030922
info@marketpublishers.com

Services
Table 41. Parker Hannifin AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 42. Parker Hannifin Recent Developments/Updates
Table 43. Parker Hannifin Competitive Strengths & Weaknesses
Table 44. Gates Basic Information, Manufacturing Base and Competitors
Table 45. Gates Major Business
Table 46. Gates AI Server Liquid Cooling Piping Components Product and Services
Table 47. Gates AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 48. Gates Recent Developments/Updates
Table 49. Gates Competitive Strengths & Weaknesses
Table 50. Danfoss Basic Information, Manufacturing Base and Competitors
Table 51. Danfoss Major Business
Table 52. Danfoss AI Server Liquid Cooling Piping Components Product and Services
Table 53. Danfoss AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 54. Danfoss Recent Developments/Updates
Table 55. Danfoss Competitive Strengths & Weaknesses
Table 56. Auras Basic Information, Manufacturing Base and Competitors
Table 57. Auras Major Business
Table 58. Auras AI Server Liquid Cooling Piping Components Product and Services
Table 59. Auras AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 60. Auras Recent Developments/Updates
Table 61. Auras Competitive Strengths & Weaknesses
Table 62. Boyd Corporation Basic Information, Manufacturing Base and Competitors
Table 63. Boyd Corporation Major Business
Table 64. Boyd Corporation AI Server Liquid Cooling Piping Components Product and Services
Table 65. Boyd Corporation AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 66. Boyd Corporation Recent Developments/Updates
Table 67. Boyd Corporation Competitive Strengths & Weaknesses
Table 68. Nitto Kohki Basic Information, Manufacturing Base and Competitors
Table 69. Nitto Kohki Major Business
Table 70. Nitto Kohki AI Server Liquid Cooling Piping Components Product and Services
Table 71. Nitto Kohki AI Server Liquid Cooling Piping Components Revenue, Gross

+357 96 030922
info@marketpublishers.com

Margin and Market Share (2021-2026) & (USD Million)
Table 72. Nitto Kohki Recent Developments/Updates
Table 73. Nitto Kohki Competitive Strengths & Weaknesses
Table 74. Stäubli Basic Information, Manufacturing Base and Competitors
Table 75. Stäubli Major Business
Table 76. Stäubli AI Server Liquid Cooling Piping Components Product and Services
Table 77. Stäubli AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 78. Stäubli Recent Developments/Updates
Table 79. Stäubli Competitive Strengths & Weaknesses
Table 80. Vertiv Basic Information, Manufacturing Base and Competitors
Table 81. Vertiv Major Business
Table 82. Vertiv AI Server Liquid Cooling Piping Components Product and Services
Table 83. Vertiv AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 84. Vertiv Recent Developments/Updates
Table 85. Vertiv Competitive Strengths & Weaknesses
Table 86. nVent Basic Information, Manufacturing Base and Competitors
Table 87. nVent Major Business
Table 88. nVent AI Server Liquid Cooling Piping Components Product and Services
Table 89. nVent AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 90. nVent Recent Developments/Updates
Table 91. nVent Competitive Strengths & Weaknesses
Table 92. Colder Products Company Basic Information, Manufacturing Base and Competitors
Table 93. Colder Products Company Major Business
Table 94. Colder Products Company AI Server Liquid Cooling Piping Components Product and Services
Table 95. Colder Products Company AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 96. Colder Products Company Recent Developments/Updates
Table 97. Colder Products Company Competitive Strengths & Weaknesses
Table 98. Swagelok Basic Information, Manufacturing Base and Competitors
Table 99. Swagelok Major Business
Table 100. Swagelok AI Server Liquid Cooling Piping Components Product and Services
Table 101. Swagelok AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

+357 96 030922
info@marketpublishers.com

Table 102. Swagelok Recent Developments/Updates
Table 103. Swagelok Competitive Strengths & Weaknesses
Table 104. Remindore Technology Basic Information, Manufacturing Base and Competitors
Table 105. Remindore Technology Major Business
Table 106. Remindore Technology AI Server Liquid Cooling Piping Components Product and Services
Table 107. Remindore Technology AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 108. Remindore Technology Recent Developments/Updates
Table 109. Remindore Technology Competitive Strengths & Weaknesses
Table 110. Envicool Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 111. Envicool Technology Co., Ltd. Major Business
Table 112. Envicool Technology Co., Ltd. AI Server Liquid Cooling Piping Components Product and Services
Table 113. Envicool Technology Co., Ltd. AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 114. Envicool Technology Co., Ltd. Recent Developments/Updates
Table 115. Envicool Technology Co., Ltd. Competitive Strengths & Weaknesses
Table 116. Guangzhou Goaland Energy Conservation Tech. Co., Ltd Basic Information, Manufacturing Base and Competitors
Table 117. Guangzhou Goaland Energy Conservation Tech. Co., Ltd Major Business
Table 118. Guangzhou Goaland Energy Conservation Tech. Co., Ltd AI Server Liquid Cooling Piping Components Product and Services
Table 119. Guangzhou Goaland Energy Conservation Tech. Co., Ltd AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 120. Guangzhou Goaland Energy Conservation Tech. Co., Ltd Recent Developments/Updates
Table 121. Guangzhou Goaland Energy Conservation Tech. Co., Ltd Competitive Strengths & Weaknesses
Table 122. Shenzhen FRD Science & Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 123. Shenzhen FRD Science & Technology Co., Ltd. Major Business
Table 124. Shenzhen FRD Science & Technology Co., Ltd. AI Server Liquid Cooling Piping Components Product and Services
Table 125. Shenzhen FRD Science & Technology Co., Ltd. AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD

+357 96 030922
info@marketpublishers.com

Million)
Table 126. Shenzhen FRD Science & Technology Co., Ltd. Recent Developments/Updates
Table 127. Shenzhen FRD Science & Technology Co., Ltd. Competitive Strengths & Weaknesses
Table 128. Jonhon Optronic Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 129. Jonhon Optronic Technology Co., Ltd. Major Business
Table 130. Jonhon Optronic Technology Co., Ltd. AI Server Liquid Cooling Piping Components Product and Services
Table 131. Jonhon Optronic Technology Co., Ltd. AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 132. Jonhon Optronic Technology Co., Ltd. Recent Developments/Updates
Table 133. Jonhon Optronic Technology Co., Ltd. Competitive Strengths & Weaknesses
Table 134. Tongfei Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 135. Tongfei Co., Ltd. Major Business
Table 136. Tongfei Co., Ltd. AI Server Liquid Cooling Piping Components Product and Services
Table 137. Tongfei Co., Ltd. AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 138. Tongfei Co., Ltd. Recent Developments/Updates
Table 139. Tongfei Co., Ltd. Competitive Strengths & Weaknesses
Table 140. Yimikang Tech. Group Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 141. Yimikang Tech. Group Co., Ltd. Major Business
Table 142. Yimikang Tech. Group Co., Ltd. AI Server Liquid Cooling Piping Components Product and Services
Table 143. Yimikang Tech. Group Co., Ltd. AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 144. Yimikang Tech. Group Co., Ltd. Recent Developments/Updates
Table 145. Yimikang Tech. Group Co., Ltd. Competitive Strengths & Weaknesses
Table 146. Zhongding Group Basic Information, Manufacturing Base and Competitors
Table 147. Zhongding Group Major Business
Table 148. Zhongding Group AI Server Liquid Cooling Piping Components Product and Services
Table 149. Zhongding Group AI Server Liquid Cooling Piping Components Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)
Table 150. Zhongding Group Recent Developments/Updates
Table 151. Zhongding Group Competitive Strengths & Weaknesses

+357 96 030922
info@marketpublishers.com

Table 152. Global Key Players of AI Server Liquid Cooling Piping Components Upstream (Raw Materials)
Table 153. Global AI Server Liquid Cooling Piping Components Typical Customers

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. AI Server Liquid Cooling Piping Components Picture
Figure 2. World AI Server Liquid Cooling Piping Components Total Revenue: 2021 & 2025 & 2032, (USD Million)
Figure 3. World AI Server Liquid Cooling Piping Components Total Revenue (2021-2032) & (USD Million)
Figure 4. World AI Server Liquid Cooling Piping Components Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
Figure 5. World AI Server Liquid Cooling Piping Components Revenue Market Share by Region (2021-2032), (by Headquarter Location)
Figure 6. United States Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 7. China Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 8. Europe Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 9. Japan Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 10. South Korea Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 11. ASEAN Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 12. India Based Company AI Server Liquid Cooling Piping Components Revenue (2021-2032) & (USD Million)
Figure 13. AI Server Liquid Cooling Piping Components Market Drivers
Figure 14. Factors Affecting Demand
Figure 15. World AI Server Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 16. World AI Server Liquid Cooling Piping Components Consumption Value Market Share by Region (2021-2032)
Figure 17. United States AI Server Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 18. China AI Server Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 19. Europe AI Server Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)

+357 96 030922
info@marketpublishers.com

Figure 20. Japan AI Server Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 21. South Korea AI Server Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 22. ASEAN AI Server Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 23. India AI Server Liquid Cooling Piping Components Consumption Value (2021-2032) & (USD Million)
Figure 24. Producer Shipments of AI Server Liquid Cooling Piping Components by Player Revenue ($MM) and Market Share (%): 2025
Figure 25. Global Four-firm Concentration Ratios (CR4) for AI Server Liquid Cooling Piping Components Markets in 2025
Figure 26. Global Four-firm Concentration Ratios (CR8) for AI Server Liquid Cooling Piping Components Markets in 2025
Figure 27. United States VS China: AI Server Liquid Cooling Piping Components Revenue Market Share Comparison (2021 & 2025 & 2032)
Figure 28. United States VS China: AI Server Liquid Cooling Piping Components Consumption Value Market Share Comparison (2021 & 2025 & 2032)
Figure 29. World AI Server Liquid Cooling Piping Components Market Size by Type, (USD Million), 2021 & 2025 & 2032
Figure 30. World AI Server Liquid Cooling Piping Components Market Size Market Share by Type in 2025
Figure 31. Liquid Cooling Hose
Figure 32. Quick Connectors
Figure 33. Liquid Cooling Manifolds
Figure 34. Others
Figure 35. World AI Server Liquid Cooling Piping Components Market Size Market Share by Type (2021-2032)
Figure 36. World AI Server Liquid Cooling Piping Components Market Size by Liquid Cooling Structures, (USD Million), 2021 & 2025 & 2032
Figure 37. World AI Server Liquid Cooling Piping Components Market Size Market Share by Liquid Cooling Structures in 2025
Figure 38. Cold Plate Liquid Cooling
Figure 39. Immersion Liquid Cooling
Figure 40. Rack-Level Liquid Cooling
Figure 41. World AI Server Liquid Cooling Piping Components Market Size Market Share by Liquid Cooling Structures (2021-2032)
Figure 42. World AI Server Liquid Cooling Piping Components Market Size by Application, (USD Million), 2021 & 2025 & 2032

+357 96 030922
info@marketpublishers.com

Figure 43. World AI Server Liquid Cooling Piping Components Market Size Market Share by Application in 2025
Figure 44. Telecommunications
Figure 45. Government
Figure 46. Healthcare
Figure 47. Other
Figure 48. World AI Server Liquid Cooling Piping Components Market Size Market Share by Application (2021-2032)
Figure 49. AI Server Liquid Cooling Piping Components Industrial Chain
Figure 50. Methodology
Figure 51. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global AI Server Liquid Cooling Piping Components Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GEE8CAD87963EN.html

Price: US$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GEE8CAD87963EN.html