

Global Server Liquid Cooling Hoses Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Server Liquid Cooling Hoses market size was valued at US\$ 663 million in 2025 and is forecast to a readjusted size of US\$ 1224 million by 2032 with a CAGR of 9.2% during review period.

Server Liquid Cooling Hoses are flexible fluid transfer hoses used in server liquid cooling systems to deliver and return coolant between cold plates, manifolds, CDUs, rear-door heat exchangers, and rack-level cooling modules. They are usually made from EPDM, silicone, FKM, TPU, or other engineered polymer materials, and must provide good flexibility, low permeability, pressure resistance, anti-kinking performance, coolant compatibility, and long-term reliability. In AI servers and high-density data centers, these hoses are critical components for maintaining stable coolant circulation, reducing leakage risk, and supporting efficient heat removal from CPUs, GPUs, memory, and power modules. In 2025, global Server Liquid Cooling Hoses production reached approximately 3224 km, with an average global market price of around 200 USD/m. The production capacity for Server Liquid Cooling Hoses in 2025 was approximately 4000 km,. The typical gross profit margin for Server Liquid Cooling Hoses between 20% and 40%.

The Server Liquid Cooling Hoses market is growing rapidly as data centers shift from traditional air cooling to liquid cooling driven by AI computing, high-power GPUs, high-density racks, and stricter energy efficiency requirements. Demand is mainly concentrated in direct-to-chip liquid cooling, rack-level coolant distribution, CDU connection systems, and immersion or hybrid cooling infrastructure. Compared with general industrial hoses, server liquid cooling hoses require higher cleanliness, lower ion leaching, better coolant compatibility, tighter bending radius control, and stronger

reliability standards. As AI servers, cloud data centers, edge computing facilities, and high-performance computing clusters continue to expand, the market is expected to move toward customized hose assemblies, quick connector integration, low-permeation materials, and higher-performance polymer hose solutions.

This report is a detailed and comprehensive analysis for global Server Liquid Cooling Hoses market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Server Liquid Cooling Hoses market size and forecasts, in consumption value (\$ Million), sales quantity (K Meter), and average selling prices (US\$/Meter), 2021-2032

Global Server Liquid Cooling Hoses market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Meter), and average selling prices (US\$/Meter), 2021-2032

Global Server Liquid Cooling Hoses market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Meter), and average selling prices (US\$/Meter), 2021-2032

Global Server Liquid Cooling Hoses market shares of main players, shipments in revenue (\$ Million), sales quantity (K Meter), and ASP (US\$/Meter), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Server Liquid Cooling Hoses

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Server Liquid Cooling Hoses market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Danfoss, Parker, Gates, CEJN, Colder Products Company (CPC), Penflex, Continental Group, Hose Master, Ace Sanitary, Tudertechnica, etc.

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

Market Segmentation

Server Liquid Cooling Hoses market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Non-metallic Hoses

Metallic Hoses

Market segment by Structure

Rubber Hose

Thermoplastic Hose

Corrugated Hose

Others

Market segment by Application

AI Data Center

High-Performance Computing (HPC)

Cloud Computing and Enterprise Data Center

Others

Major players covered

Danfoss

Parker

Gates

CEJN

Colder Products Company (CPC)

Penflex

Continental Group

Hose Master

Ace Sanitary

Tudertechnica

Alfagomma

Rubber Fab

Newpower Hydraulics

Titan Cooling

Guangzhou Newsoft Technology

Sichuan Chuanhuan Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Server Liquid Cooling Hoses product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Server Liquid Cooling Hoses, with price, sales quantity, revenue, and global market share of Server Liquid Cooling Hoses from 2021 to 2026.

Chapter 3, the Server Liquid Cooling Hoses competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Server Liquid Cooling Hoses breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021

to 2026.and Server Liquid Cooling Hoses market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Server Liquid Cooling Hoses.

Chapter 14 and 15, to describe Server Liquid Cooling Hoses sales channel, distributors, customers, research findings and conclusion.

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