

Global Two-Phase Vapor Chamber 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 Two-Phase Vapor Chamber market size was valued at US\$ 265 million in 2025 and is forecast to a readjusted size of US\$ 672 million by 2032 with a CAGR of 14.2% during review period.

Two-Phase Vapor Chamber is an advanced thermal management device that transfers heat through the phase change cycle of a working fluid between evaporation and condensation inside a sealed chamber. By utilizing two-phase heat transfer and capillary-driven circulation, it rapidly spreads heat across the chamber surface, enabling efficient thermal management for high-power electronic components. Its advantages include high thermal conductivity, uniform heat distribution, compact structure, and strong reliability under high heat flux conditions. The capacity utilization rate in 2025 reached 90%, and the industry's average gross margin was approximately 31%. Production in 2025 totaled 99.23 million units at an average price of 2.6 USD per unit. The upstream segment mainly relies on high-purity oxygen-free copper, with representative suppliers including Mitsubishi Materials, KME, Jiangxi Copper, and Tongling Nonferrous Metals. The midstream focuses on chamber structural design, wick structure fabrication, precision forming, vacuum sealing, and performance testing to ensure stable two-phase circulation and efficient heat dissipation. Downstream applications are concentrated in consumer electronics, telecommunications equipment, and servers, with key customers including Apple, Samsung, Huawei, Dell, Inspur, and Ericsson.

This report is a detailed and comprehensive analysis for global Two-Phase Vapor Chamber 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 Two-Phase Vapor Chamber market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Two-Phase Vapor Chamber market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Two-Phase Vapor Chamber market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Two-Phase Vapor Chamber market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 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 Two-Phase Vapor Chamber

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 Two-Phase Vapor Chamber 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 Auras Technology, CCI, Fujikura, AVC, Jentech, Suzhou Tianmai Thermal Technology, Jones Tech, J.Pond Precision Technology, Feirongda Technology, LINGYI iTECH, etc.

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

Market Segmentation

Two-Phase Vapor Chamber 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

Thickness

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