

Global CPU/GPU Heat Spreader Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G81A385B8A14EN.html>

Date: June 2026

Pages: 108

Price: US\$ 3,480.00 (Single User License)

ID: G81A385B8A14EN

Abstracts

According to our (Global Info Research) latest study, the global CPU/GPU Heat Spreader market size was valued at US\$ 769 million in 2025 and is forecast to a readjusted size of US\$ 1371 million by 2032 with a CAGR of 8.7% during review period.

A heat spreader is high thermal conductive metallic materials for efficient heat dissipation from an IC chip in a semiconductor package. These spreaders are used in CPU/GPU for desktop personal computers and servers/data centers.

Heat spreaders are fundamental in thermal management in electronic design. In cases where natural convection is insufficient for timely heat dissipation, and forced convection using fans is not yet necessary, heat spreaders are widely used as a solution. With the advancement of performance and miniaturization processes, the number of transistors in relation to the chip area has increased. This complexity in circuit design does not always result in a 100% improvement in performance. As a result, a significant portion of electrical energy is converted into thermal energy. Additionally, as process miniaturization progresses, leakage power consumption increases, leading to higher power requirements and waste heat generation within the same unit area. Furthermore, with the trend towards compact desktop computers and all-in-one functionality, future mini PCs will need to handle multiple tasks such as information processing and multimedia performance simultaneously. Therefore, effective heat dissipation becomes crucial, making heat spreaders an indispensable solution for efficient thermal management.

Major thermal solution providers are actively exploring new market applications, including gaming consoles, communication devices, servers, automotive electronics,

home electronics, and smartphones. The emerging trends of cloud services and the Internet of Things (IoT) in the market contribute to the increasing demand for servers and data centers. As a result, the need for effective heat dissipation in central processing units (CPUs) and connectors becomes more prominent and represents a promising area for further exploration.

Currently, the global heat spreader market is primarily dominated by manufacturers from Japan, the United States, and China Taiwan, with China Taiwan being the largest production region, accounting for approximately 57% of the global market share in 2024. Japan and the United States are also significant production regions, with market shares of 16.7% and 17.1%, respectively, in 2024. Chinese manufacturers entered this field relatively late, with two main players currently holding a combined global market share of 4.98% in 2024, which is expected to grow to 10.25% by 2031.

In terms of materials, copper heat spreaders currently dominate the market, accounting for 89% of the market share in 2024. Due to the design changes in AI chips, heat spreaders have not only become larger and thicker but also shifted materials. Historically, copper was the primary material used for heat spreaders due to its high thermal conductivity of 401 W/m.K, which is higher than that of gold or aluminum, second only to silver. However, heat spreader materials are now moving toward stainless steel, which has higher hardness and is more difficult to process, thus raising the technological barriers for manufacturers. In the coming years, stainless steel-based heat spreader are expected to see faster growth.

Regarding chip sizes, the proportion of large-sized heat spreader products is gradually increasing. Heat spreaders are closely related to chip packaging. In the past, processors required heat spreaders with an area of around 30mm x 30mm. Now, with chip manufacturers enhancing computational speeds and incorporating more memory, the number of bare die (chips) has significantly increased, expanding the area to 60mm x 60mm or larger. In 2024, heat spreaders with sizes greater than 35mm x 35mm will account for approximately 53%, and it is expected to rise to 61% by 2031.

In terms of market application, PC CPU/GPU heat spreaders currently hold the largest market share, accounting for 52% in 2024. However, the server/data center sector is growing at a faster pace, accounting for 35% in 2024 and projected to reach 50% by 2031.

The main global heat spreader manufacturers include Jentech Precision Industrial, Honeywell, Shinko, Fujikura, I-Chiun, Favor Precision Technology, and Shandong Ruisi

Precision Industry. The top five global manufacturers are expected to account for approximately 91% of the market share in 2024. In the coming years, competition in this industry is expected to intensify.

This report is a detailed and comprehensive analysis for global CPU/GPU Heat Spreader 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 CPU/GPU Heat Spreader market size and forecasts, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global CPU/GPU Heat Spreader market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global CPU/GPU Heat Spreader market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Pcs), and average selling prices (US\$/Pcs), 2021-2032

Global CPU/GPU Heat Spreader market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Pcs), and ASP (US\$/Pcs), 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 CPU/GPU Heat Spreader

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 CPU/GPU Heat Spreader 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 Shinko, Honeywell Advanced Materials, Jentech Precision Industrial, I-Chiun, Favor Precision Technology, Niching Industrial Corporation, Fastrong Technologies Corp., ECE (Excel Cell Electronic), Shandong Ruisi Precision Industry, HongRiDa Electronics (HRD), etc.

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

Market Segmentation

CPU/GPU Heat Spreader 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

Size (Above 35*35mm)

Size (Below 35*35mm)

Market segment by Application

PC CPU/GPU Package

Server/Data Center/AI Chip Package

Automotive SoC/FPGA Package

Gaming Console

Others

Major players covered

Shinko

Honeywell Advanced Materials

Jentech Precision Industrial

I-Chiun

Favor Precision Technology

Niching Industrial Corporation

Fastrong Technologies Corp.

ECE (Excel Cell Electronic)

Shandong Ruisi Precision Industry

HongRiDa Electronics (HRD)

TBT Co., Ltd

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 CPU/GPU Heat Spreader product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of CPU/GPU Heat Spreader, with price, sales quantity, revenue, and global market share of CPU/GPU Heat Spreader from 2021 to 2026.

Chapter 3, the CPU/GPU Heat Spreader competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the CPU/GPU Heat Spreader 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 CPU/GPU Heat Spreader 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 CPU/GPU Heat Spreader.

Chapter 14 and 15, to describe CPU/GPU Heat Spreader sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global HET Anhydride Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 99% Purity

1.3.3 98% Purity

1.3.4 Other

1.4 Market Analysis by Application

1.4.1 Overview: Global HET Anhydride Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.4.2 Textile

1.4.3 Pesticide

1.4.4 Dye

1.4.5 Plastic

1.4.6 Other

1.5 Global HET Anhydride Market Size & Forecast

1.5.1 Global HET Anhydride Consumption Value (2021 & 2025 & 2032)

1.5.2 Global HET Anhydride Sales Quantity (2021-2032)

1.5.3 Global HET Anhydride Average Price (2021-2032)

2 MANUFACTURERS PROFILES

2.1 Velsicol Chemical

2.1.1 Velsicol Chemical Details

2.1.2 Velsicol Chemical Major Business

2.1.3 Velsicol Chemical HET Anhydride Product and Services

2.1.4 Velsicol Chemical HET Anhydride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.1.5 Velsicol Chemical Recent Developments/Updates

2.2 Wuhan Huajiu Pharmaceutical Technology

2.2.1 Wuhan Huajiu Pharmaceutical Technology Details

2.2.2 Wuhan Huajiu Pharmaceutical Technology Major Business

2.2.3 Wuhan Huajiu Pharmaceutical Technology HET Anhydride Product and Services

2.2.4 Wuhan Huajiu Pharmaceutical Technology HET Anhydride Sales Quantity,

Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.2.5 Wuhan Huajiu Pharmaceutical Technology Recent Developments/Updates

2.3 Hubei Kewode Chemical

2.3.1 Hubei Kewode Chemical Details

2.3.2 Hubei Kewode Chemical Major Business

2.3.3 Hubei Kewode Chemical HET Anhydride Product and Services

2.3.4 Hubei Kewode Chemical HET Anhydride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Hubei Kewode Chemical Recent Developments/Updates

2.4 Wuhan Kemike Biomedical Technology

2.4.1 Wuhan Kemike Biomedical Technology Details

2.4.2 Wuhan Kemike Biomedical Technology Major Business

2.4.3 Wuhan Kemike Biomedical Technology HET Anhydride Product and Services

2.4.4 Wuhan Kemike Biomedical Technology HET Anhydride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 Wuhan Kemike Biomedical Technology Recent Developments/Updates

2.5 Shanxi Jiangzhongshan Biotechnology

2.5.1 Shanxi Jiangzhongshan Biotechnology Details

2.5.2 Shanxi Jiangzhongshan Biotechnology Major Business

2.5.3 Shanxi Jiangzhongshan Biotechnology HET Anhydride Product and Services

2.5.4 Shanxi Jiangzhongshan Biotechnology HET Anhydride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Shanxi Jiangzhongshan Biotechnology Recent Developments/Updates

2.6 Zhejiang TopTrust Chemical

2.6.1 Zhejiang TopTrust Chemical Details

2.6.2 Zhejiang TopTrust Chemical Major Business

2.6.3 Zhejiang TopTrust Chemical HET Anhydride Product and Services

2.6.4 Zhejiang TopTrust Chemical HET Anhydride Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Zhejiang TopTrust Chemical Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: HET ANHYDRIDE BY MANUFACTURER

3.1 Global HET Anhydride Sales Quantity by Manufacturer (2021-2026)

3.2 Global HET Anhydride Revenue by Manufacturer (2021-2026)

3.3 Global HET Anhydride Average Price by Manufacturer (2021-2026)

3.4 Market Share Analysis (2025)

3.4.1 Producer Shipments of HET Anhydride by Manufacturer Revenue (\$MM) and Market Share (%): 2025

- 3.4.2 Top 3 HET Anhydride Manufacturer Market Share in 2025
- 3.4.3 Top 6 HET Anhydride Manufacturer Market Share in 2025
- 3.5 HET Anhydride Market: Overall Company Footprint Analysis
 - 3.5.1 HET Anhydride Market: Region Footprint
 - 3.5.2 HET Anhydride Market: Company Product Type Footprint
 - 3.5.3 HET Anhydride Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global HET Anhydride Market Size by Region
 - 4.1.1 Global HET Anhydride Sales Quantity by Region (2021-2032)
 - 4.1.2 Global HET Anhydride Consumption Value by Region (2021-2032)
 - 4.1.3 Global HET Anhydride Average Price by Region (2021-2032)
- 4.2 North America HET Anhydride Consumption Value (2021-2032)
- 4.3 Europe HET Anhydride Consumption Value (2021-2032)
- 4.4 Asia-Pacific HET Anhydride Consumption Value (2021-2032)
- 4.5 South America HET Anhydride Consumption Value (2021-2032)
- 4.6 Middle East & Africa HET Anhydride Consumption Value (2021-2032)

5 MARKET SEGMENT BY TYPE

- 5.1 Global HET Anhydride Sales Quantity by Type (2021-2032)
- 5.2 Global HET Anhydride Consumption Value by Type (2021-2032)
- 5.3 Global HET Anhydride Average Price by Type (2021-2032)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global HET Anhydride Sales Quantity by Application (2021-2032)
- 6.2 Global HET Anhydride Consumption Value by Application (2021-2032)
- 6.3 Global HET Anhydride Average Price by Application (2021-2032)

7 NORTH AMERICA

- 7.1 North America HET Anhydride Sales Quantity by Type (2021-2032)
- 7.2 North America HET Anhydride Sales Quantity by Application (2021-2032)
- 7.3 North America HET Anhydride Market Size by Country
 - 7.3.1 North America HET Anhydride Sales Quantity by Country (2021-2032)

- 7.3.2 North America HET Anhydride Consumption Value by Country (2021-2032)
- 7.3.3 United States Market Size and Forecast (2021-2032)
- 7.3.4 Canada Market Size and Forecast (2021-2032)
- 7.3.5 Mexico Market Size and Forecast (2021-2032)

8 EUROPE

- 8.1 Europe HET Anhydride Sales Quantity by Type (2021-2032)
- 8.2 Europe HET Anhydride Sales Quantity by Application (2021-2032)
- 8.3 Europe HET Anhydride Market Size by Country
 - 8.3.1 Europe HET Anhydride Sales Quantity by Country (2021-2032)
 - 8.3.2 Europe HET Anhydride Consumption Value by Country (2021-2032)
 - 8.3.3 Germany Market Size and Forecast (2021-2032)
 - 8.3.4 France Market Size and Forecast (2021-2032)
 - 8.3.5 United Kingdom Market Size and Forecast (2021-2032)
 - 8.3.6 Russia Market Size and Forecast (2021-2032)
 - 8.3.7 Italy Market Size and Forecast (2021-2032)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific HET Anhydride Sales Quantity by Type (2021-2032)
- 9.2 Asia-Pacific HET Anhydride Sales Quantity by Application (2021-2032)
- 9.3 Asia-Pacific HET Anhydride Market Size by Region
 - 9.3.1 Asia-Pacific HET Anhydride Sales Quantity by Region (2021-2032)
 - 9.3.2 Asia-Pacific HET Anhydride Consumption Value by Region (2021-2032)
 - 9.3.3 China Market Size and Forecast (2021-2032)
 - 9.3.4 Japan Market Size and Forecast (2021-2032)
 - 9.3.5 South Korea Market Size and Forecast (2021-2032)
 - 9.3.6 India Market Size and Forecast (2021-2032)
 - 9.3.7 Southeast Asia Market Size and Forecast (2021-2032)
 - 9.3.8 Australia Market Size and Forecast (2021-2032)

10 SOUTH AMERICA

- 10.1 South America HET Anhydride Sales Quantity by Type (2021-2032)
- 10.2 South America HET Anhydride Sales Quantity by Application (2021-2032)
- 10.3 South America HET Anhydride Market Size by Country
 - 10.3.1 South America HET Anhydride Sales Quantity by Country (2021-2032)
 - 10.3.2 South America HET Anhydride Consumption Value by Country (2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa HET Anhydride Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa HET Anhydride Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa HET Anhydride Market Size by Country

11.3.1 Middle East & Africa HET Anhydride Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa HET Anhydride Consumption Value by Country
(2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

12 MARKET DYNAMICS

12.1 HET Anhydride Market Drivers

12.2 HET Anhydride Market Restraints

12.3 HET Anhydride Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of HET Anhydride and Key Manufacturers

13.2 Manufacturing Costs Percentage of HET Anhydride

13.3 HET Anhydride Production Process

13.4 Industry Value Chain Analysis

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

- 14.1.2 Distributors
- 14.2 HET Anhydride Typical Distributors
- 14.3 HET Anhydride Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

- 16.1 Methodology
- 16.2 Research Process and Data Source
- 16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global CPU/GPU Heat Spreader Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global CPU/GPU Heat Spreader Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 3. Shinko Basic Information, Manufacturing Base and Competitors

Table 4. Shinko Major Business

Table 5. Shinko CPU/GPU Heat Spreader Product and Services

Table 6. Shinko CPU/GPU Heat Spreader Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 7. Shinko Recent Developments/Updates

Table 8. Honeywell Advanced Materials Basic Information, Manufacturing Base and Competitors

Table 9. Honeywell Advanced Materials Major Business

Table 10. Honeywell Advanced Materials CPU/GPU Heat Spreader Product and Services

Table 11. Honeywell Advanced Materials CPU/GPU Heat Spreader Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 12. Honeywell Advanced Materials Recent Developments/Updates

Table 13. Jentech Precision Industrial Basic Information, Manufacturing Base and Competitors

Table 14. Jentech Precision Industrial Major Business

Table 15. Jentech Precision Industrial CPU/GPU Heat Spreader Product and Services

Table 16. Jentech Precision Industrial CPU/GPU Heat Spreader Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 17. Jentech Precision Industrial Recent Developments/Updates

Table 18. I-Chiun Basic Information, Manufacturing Base and Competitors

Table 19. I-Chiun Major Business

Table 20. I-Chiun CPU/GPU Heat Spreader Product and Services

Table 21. I-Chiun CPU/GPU Heat Spreader Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 22. I-Chiun Recent Developments/Updates

Table 23. Favor Precision Technology Basic Information, Manufacturing Base and Competitors

Table 24. Favor Precision Technology Major Business
Table 25. Favor Precision Technology CPU/GPU Heat Spreader Product and Services
Table 26. Favor Precision Technology CPU/GPU Heat Spreader Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 27. Favor Precision Technology Recent Developments/Updates
Table 28. Niching Industrial Corporation Basic Information, Manufacturing Base and Competitors
Table 29. Niching Industrial Corporation Major Business
Table 30. Niching Industrial Corporation CPU/GPU Heat Spreader Product and Services
Table 31. Niching Industrial Corporation CPU/GPU Heat Spreader Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 32. Niching Industrial Corporation Recent Developments/Updates
Table 33. Fastrong Technologies Corp. Basic Information, Manufacturing Base and Competitors
Table 34. Fastrong Technologies Corp. Major Business
Table 35. Fastrong Technologies Corp. CPU/GPU Heat Spreader Product and Services
Table 36. Fastrong Technologies Corp. CPU/GPU Heat Spreader Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 37. Fastrong Technologies Corp. Recent Developments/Updates
Table 38. ECE (Excel Cell Electronic) Basic Information, Manufacturing Base and Competitors
Table 39. ECE (Excel Cell Electronic) Major Business
Table 40. ECE (Excel Cell Electronic) CPU/GPU Heat Spreader Product and Services
Table 41. ECE (Excel Cell Electronic) CPU/GPU Heat Spreader Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 42. ECE (Excel Cell Electronic) Recent Developments/Updates
Table 43. Shandong Ruisi Precision Industry Basic Information, Manufacturing Base and Competitors
Table 44. Shandong Ruisi Precision Industry Major Business
Table 45. Shandong Ruisi Precision Industry CPU/GPU Heat Spreader Product and Services
Table 46. Shandong Ruisi Precision Industry CPU/GPU Heat Spreader Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 47. Shandong Ruisi Precision Industry Recent Developments/Updates
Table 48. HongRiDa Electronics (HRD) Basic Information, Manufacturing Base and Competitors
Table 49. HongRiDa Electronics (HRD) Major Business
Table 50. HongRiDa Electronics (HRD) CPU/GPU Heat Spreader Product and Services
Table 51. HongRiDa Electronics (HRD) CPU/GPU Heat Spreader Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 52. HongRiDa Electronics (HRD) Recent Developments/Updates
Table 53. TBT Co., Ltd Basic Information, Manufacturing Base and Competitors
Table 54. TBT Co., Ltd Major Business
Table 55. TBT Co., Ltd CPU/GPU Heat Spreader Product and Services
Table 56. TBT Co., Ltd CPU/GPU Heat Spreader Sales Quantity (Million Pcs), Average Price (US\$/Pcs), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 57. TBT Co., Ltd Recent Developments/Updates
Table 58. Global CPU/GPU Heat Spreader Sales Quantity by Manufacturer (2021-2026) & (Million Pcs)
Table 59. Global CPU/GPU Heat Spreader Revenue by Manufacturer (2021-2026) & (USD Million)
Table 60. Global CPU/GPU Heat Spreader Average Price by Manufacturer (2021-2026) & (US\$/Pcs)
Table 61. Market Position of Manufacturers in CPU/GPU Heat Spreader, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
Table 62. Head Office and CPU/GPU Heat Spreader Production Site of Key Manufacturer
Table 63. CPU/GPU Heat Spreader Market: Company Product Type Footprint
Table 64. CPU/GPU Heat Spreader Market: Company Product Application Footprint
Table 65. CPU/GPU Heat Spreader New Market Entrants and Barriers to Market Entry
Table 66. CPU/GPU Heat Spreader Mergers, Acquisition, Agreements, and Collaborations
Table 67. Global CPU/GPU Heat Spreader Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR
Table 68. Global CPU/GPU Heat Spreader Sales Quantity by Region (2021-2026) & (Million Pcs)
Table 69. Global CPU/GPU Heat Spreader Sales Quantity by Region (2027-2032) & (Million Pcs)
Table 70. Global CPU/GPU Heat Spreader Consumption Value by Region (2021-2026) & (USD Million)
Table 71. Global CPU/GPU Heat Spreader Consumption Value by Region (2027-2032)

& (USD Million)

Table 72. Global CPU/GPU Heat Spreader Average Price by Region (2021-2026) & (US\$/Pcs)

Table 73. Global CPU/GPU Heat Spreader Average Price by Region (2027-2032) & (US\$/Pcs)

Table 74. Global CPU/GPU Heat Spreader Sales Quantity by Type (2021-2026) & (Million Pcs)

Table 75. Global CPU/GPU Heat Spreader Sales Quantity by Type (2027-2032) & (Million Pcs)

Table 76. Global CPU/GPU Heat Spreader Consumption Value by Type (2021-2026) & (USD Million)

Table 77. Global CPU/GPU Heat Spreader Consumption Value by Type (2027-2032) & (USD Million)

Table 78. Global CPU/GPU Heat Spreader Average Price by Type (2021-2026) & (US\$/Pcs)

Table 79. Global CPU/GPU Heat Spreader Average Price by Type (2027-2032) & (US\$/Pcs)

Table 80. Global CPU/GPU Heat Spreader Sales Quantity by Application (2021-2026) & (Million Pcs)

Table 81. Global CPU/GPU Heat Spreader Sales Quantity by Application (2027-2032) & (Million Pcs)

Table 82. Global CPU/GPU Heat Spreader Consumption Value by Application (2021-2026) & (USD Million)

Table 83. Global CPU/GPU Heat Spreader Consumption Value by Application (2027-2032) & (USD Million)

Table 84. Global CPU/GPU Heat Spreader Average Price by Application (2021-2026) & (US\$/Pcs)

Table 85. Global CPU/GPU Heat Spreader Average Price by Application (2027-2032) & (US\$/Pcs)

Table 86. North America CPU/GPU Heat Spreader Sales Quantity by Type (2021-2026) & (Million Pcs)

Table 87. North America CPU/GPU Heat Spreader Sales Quantity by Type (2027-2032) & (Million Pcs)

Table 88. North America CPU/GPU Heat Spreader Sales Quantity by Application (2021-2026) & (Million Pcs)

Table 89. North America CPU/GPU Heat Spreader Sales Quantity by Application (2027-2032) & (Million Pcs)

Table 90. North America CPU/GPU Heat Spreader Sales Quantity by Country (2021-2026) & (Million Pcs)

Table 91. North America CPU/GPU Heat Spreader Sales Quantity by Country (2027-2032) & (Million Pcs)

Table 92. North America CPU/GPU Heat Spreader Consumption Value by Country (2021-2026) & (USD Million)

Table 93. North America CPU/GPU Heat Spreader Consumption Value by Country (2027-2032) & (USD Million)

Table 94. Europe CPU/GPU Heat Spreader Sales Quantity by Type (2021-2026) & (Million Pcs)

Table 95. Europe CPU/GPU Heat Spreader Sales Quantity by Type (2027-2032) & (Million Pcs)

Table 96. Europe CPU/GPU Heat Spreader Sales Quantity by Application (2021-2026) & (Million Pcs)

Table 97. Europe CPU/GPU Heat Spreader Sales Quantity by Application (2027-2032) & (Million Pcs)

Table 98. Europe CPU/GPU Heat Spreader Sales Quantity by Country (2021-2026) & (Million Pcs)

Table 99. Europe CPU/GPU Heat Spreader Sales Quantity by Country (2027-2032) & (Million Pcs)

Table 100. Europe CPU/GPU Heat Spreader Consumption Value by Country (2021-2026) & (USD Million)

Table 101. Europe CPU/GPU Heat Spreader Consumption Value by Country (2027-2032) & (USD Million)

Table 102. Asia-Pacific CPU/GPU Heat Spreader Sales Quantity by Type (2021-2026) & (Million Pcs)

Table 103. Asia-Pacific CPU/GPU Heat Spreader Sales Quantity by Type (2027-2032) & (Million Pcs)

Table 104. Asia-Pacific CPU/GPU Heat Spreader Sales Quantity by Application (2021-2026) & (Million Pcs)

Table 105. Asia-Pacific CPU/GPU Heat Spreader Sales Quantity by Application (2027-2032) & (Million Pcs)

Table 106. Asia-Pacific CPU/GPU Heat Spreader Sales Quantity by Region (2021-2026) & (Million Pcs)

Table 107. Asia-Pacific CPU/GPU Heat Spreader Sales Quantity by Region (2027-2032) & (Million Pcs)

Table 108. Asia-Pacific CPU/GPU Heat Spreader Consumption Value by Region (2021-2026) & (USD Million)

Table 109. Asia-Pacific CPU/GPU Heat Spreader Consumption Value by Region (2027-2032) & (USD Million)

Table 110. South America CPU/GPU Heat Spreader Sales Quantity by Type

(2021-2026) & (Million Pcs)

Table 111. South America CPU/GPU Heat Spreader Sales Quantity by Type

(2027-2032) & (Million Pcs)

Table 112. South America CPU/GPU Heat Spreader Sales Quantity by Application

(2021-2026) & (Million Pcs)

Table 113. South America CPU/GPU Heat Spreader Sales Quantity by Application

(2027-2032) & (Million Pcs)

Table 114. South America CPU/GPU Heat Spreader Sales Quantity by Country

(2021-2026) & (Million Pcs)

Table 115. South America CPU/GPU Heat Spreader Sales Quantity by Country

(2027-2032) & (Million Pcs)

Table 116. South America CPU/GPU Heat Spreader Consumption Value by Country

(2021-2026) & (USD Million)

Table 117. South America CPU/GPU Heat Spreader Consumption Value by Country

(2027-2032) & (USD Million)

Table 118. Middle East & Africa CPU/GPU Heat Spreader Sales Quantity by Type

(2021-2026) & (Million Pcs)

Table 119. Middle East & Africa CPU/GPU Heat Spreader Sales Quantity by Type

(2027-2032) & (Million Pcs)

Table 120. Middle East & Africa CPU/GPU Heat Spreader Sales Quantity by Application

(2021-2026) & (Million Pcs)

Table 121. Middle East & Africa CPU/GPU Heat Spreader Sales Quantity by Application

(2027-2032) & (Million Pcs)

Table 122. Middle East & Africa CPU/GPU Heat Spreader Sales Quantity by Country

(2021-2026) & (Million Pcs)

Table 123. Middle East & Africa CPU/GPU Heat Spreader Sales Quantity by Country

(2027-2032) & (Million Pcs)

Table 124. Middle East & Africa CPU/GPU Heat Spreader Consumption Value by

Country (2021-2026) & (USD Million)

Table 125. Middle East & Africa CPU/GPU Heat Spreader Consumption Value by

Country (2027-2032) & (USD Million)

Table 126. CPU/GPU Heat Spreader Raw Material

Table 127. Key Manufacturers of CPU/GPU Heat Spreader Raw Materials

Table 128. CPU/GPU Heat Spreader Typical Distributors

Table 129. CPU/GPU Heat Spreader Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. CPU/GPU Heat Spreader Picture

Figure 2. Global CPU/GPU Heat Spreader Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global CPU/GPU Heat Spreader Revenue Market Share by Type in 2025

Figure 4. Size (Above 35*35mm) Examples

Figure 5. Size (Below 35*35mm) Examples

Figure 6. Global CPU/GPU Heat Spreader Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 7. Global CPU/GPU Heat Spreader Revenue Market Share by Application in 2025

Figure 8. PC CPU/GPU Package Examples

Figure 9. Server/Data Center/AI Chip Package Examples

Figure 10. Automotive SoC/FPGA Package Examples

Figure 11. Gaming Console Examples

Figure 12. Others Examples

Figure 13. Global CPU/GPU Heat Spreader Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 14. Global CPU/GPU Heat Spreader Consumption Value and Forecast (2021-2032) & (USD Million)

Figure 15. Global CPU/GPU Heat Spreader Sales Quantity (2021-2032) & (Million Pcs)

Figure 16. Global CPU/GPU Heat Spreader Price (2021-2032) & (US\$/Pcs)

Figure 17. Global CPU/GPU Heat Spreader Sales Quantity Market Share by Manufacturer in 2025

Figure 18. Global CPU/GPU Heat Spreader Revenue Market Share by Manufacturer in 2025

Figure 19. Producer Shipments of CPU/GPU Heat Spreader by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 20. Top 3 CPU/GPU Heat Spreader Manufacturer (Revenue) Market Share in 2025

Figure 21. Top 6 CPU/GPU Heat Spreader Manufacturer (Revenue) Market Share in 2025

Figure 22. Global CPU/GPU Heat Spreader Sales Quantity Market Share by Region (2021-2032)

Figure 23. Global CPU/GPU Heat Spreader Consumption Value Market Share by Region (2021-2032)

Figure 24. North America CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 25. Europe CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 26. Asia-Pacific CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 27. South America CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 28. Middle East & Africa CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 29. Global CPU/GPU Heat Spreader Sales Quantity Market Share by Type (2021-2032)

Figure 30. Global CPU/GPU Heat Spreader Consumption Value Market Share by Type (2021-2032)

Figure 31. Global CPU/GPU Heat Spreader Average Price by Type (2021-2032) & (US\$/Pcs)

Figure 32. Global CPU/GPU Heat Spreader Sales Quantity Market Share by Application (2021-2032)

Figure 33. Global CPU/GPU Heat Spreader Revenue Market Share by Application (2021-2032)

Figure 34. Global CPU/GPU Heat Spreader Average Price by Application (2021-2032) & (US\$/Pcs)

Figure 35. North America CPU/GPU Heat Spreader Sales Quantity Market Share by Type (2021-2032)

Figure 36. North America CPU/GPU Heat Spreader Sales Quantity Market Share by Application (2021-2032)

Figure 37. North America CPU/GPU Heat Spreader Sales Quantity Market Share by Country (2021-2032)

Figure 38. North America CPU/GPU Heat Spreader Consumption Value Market Share by Country (2021-2032)

Figure 39. United States CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 40. Canada CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 41. Mexico CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 42. Europe CPU/GPU Heat Spreader Sales Quantity Market Share by Type (2021-2032)

Figure 43. Europe CPU/GPU Heat Spreader Sales Quantity Market Share by

Application (2021-2032)

Figure 44. Europe CPU/GPU Heat Spreader Sales Quantity Market Share by Country (2021-2032)

Figure 45. Europe CPU/GPU Heat Spreader Consumption Value Market Share by Country (2021-2032)

Figure 46. Germany CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 47. France CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 48. United Kingdom CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 49. Russia CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 50. Italy CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 51. Asia-Pacific CPU/GPU Heat Spreader Sales Quantity Market Share by Type (2021-2032)

Figure 52. Asia-Pacific CPU/GPU Heat Spreader Sales Quantity Market Share by Application (2021-2032)

Figure 53. Asia-Pacific CPU/GPU Heat Spreader Sales Quantity Market Share by Region (2021-2032)

Figure 54. Asia-Pacific CPU/GPU Heat Spreader Consumption Value Market Share by Region (2021-2032)

Figure 55. China CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 56. Japan CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 57. South Korea CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 58. India CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 59. Southeast Asia CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 60. Australia CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 61. South America CPU/GPU Heat Spreader Sales Quantity Market Share by Type (2021-2032)

Figure 62. South America CPU/GPU Heat Spreader Sales Quantity Market Share by Application (2021-2032)

Figure 63. South America CPU/GPU Heat Spreader Sales Quantity Market Share by Country (2021-2032)

Figure 64. South America CPU/GPU Heat Spreader Consumption Value Market Share by Country (2021-2032)

Figure 65. Brazil CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 66. Argentina CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 67. Middle East & Africa CPU/GPU Heat Spreader Sales Quantity Market Share by Type (2021-2032)

Figure 68. Middle East & Africa CPU/GPU Heat Spreader Sales Quantity Market Share by Application (2021-2032)

Figure 69. Middle East & Africa CPU/GPU Heat Spreader Sales Quantity Market Share by Country (2021-2032)

Figure 70. Middle East & Africa CPU/GPU Heat Spreader Consumption Value Market Share by Country (2021-2032)

Figure 71. Turkey CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 72. Egypt CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 73. Saudi Arabia CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 74. South Africa CPU/GPU Heat Spreader Consumption Value (2021-2032) & (USD Million)

Figure 75. CPU/GPU Heat Spreader Market Drivers

Figure 76. CPU/GPU Heat Spreader Market Restraints

Figure 77. CPU/GPU Heat Spreader Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of CPU/GPU Heat Spreader in 2025

Figure 80. Manufacturing Process Analysis of CPU/GPU Heat Spreader

Figure 81. CPU/GPU Heat Spreader Industrial Chain

Figure 82. Sales Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

I would like to order

Product name: Global CPU/GPU Heat Spreader Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G81A385B8A14EN.html>

Price: US\$ 3,480.00 (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/G81A385B8A14EN.html>