

Heat Sinks Industry Research Report 2024

<https://marketpublishers.com/r/H7E222571CC0EN.html>

Date: April 2024

Pages: 139

Price: US\$ 2,950.00 (Single User License)

ID: H7E222571CC0EN

Abstracts

A heat sink (also commonly spelled heatsink) is a passive heat exchanger that transfers the heat generated by an electronic or a mechanical device to a fluid medium, often air or a liquid coolant, where it is dissipated away from the device, thereby allowing regulation of the device's temperature at optimal levels. In computers, heat sinks are used to cool central processing units or graphics processors. Heat sinks are used with high-power semiconductor devices such as power transistors and optoelectronics such as lasers and light emitting diodes (LEDs), where the heat dissipation ability of the component itself is insufficient to moderate its temperature.

According to APO Research, The global Heat Sinks market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global Heat Sinks key players include TE Connectivity, Aavid Thermalloy, Delta, CUI, etc. Global top four manufacturers hold a share over 5%.

China is the largest market, with a share over 45%, followed by Europe, and North America, both have a share about 30 percent.

In terms of product, Aluminum Heat Sink is the largest segment, with a share over 50%. And in terms of application, the largest application is Automobile Industrial, followed by Electronic Industrial, etc.

Report Scope

This report aims to provide a comprehensive presentation of the global market for Heat Sinks, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their

position in the current marketplace, and make informed business decisions regarding Heat Sinks.

The report will help the Heat Sinks manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Heat Sinks market size, estimations, and forecasts are provided in terms of sales volume (M Pcs) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Heat Sinks market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Alpha

Molex

TE Connectivity

Delta

Mecc.AI

Ohmite

Aavid Thermalloy

Sunon

Advanced Thermal Solutions

DAU

Apex Microtechnology

Radian

CUI

T-Global Technology

Wakefied-Vette

Heat Sinks segment by Type

Aluminum Heat Sink

Copper Heat Sink

Copper Aluminum Heat Sink

Others

Heat Sinks segment by Application

Automobile

Electronic

Others

Heat Sinks Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Heat Sinks market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Heat Sinks and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Heat Sinks.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Heat Sinks manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Heat Sinks by region/country. It provides a

quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Heat Sinks in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Heat Sinks by Type
 - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.2.2 Aluminum Heat Sink
 - 2.2.3 Copper Heat Sink
 - 2.2.4 Copper Aluminum Heat Sink
 - 2.2.5 Others
- 2.3 Heat Sinks by Application
 - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.3.2 Automobile
 - 2.3.3 Electronic
 - 2.3.4 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Heat Sinks Production Value Estimates and Forecasts (2019-2030)
 - 2.4.2 Global Heat Sinks Production Capacity Estimates and Forecasts (2019-2030)
 - 2.4.3 Global Heat Sinks Production Estimates and Forecasts (2019-2030)
 - 2.4.4 Global Heat Sinks Market Average Price (2019-2030)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Heat Sinks Production by Manufacturers (2019-2024)
- 3.2 Global Heat Sinks Production Value by Manufacturers (2019-2024)
- 3.3 Global Heat Sinks Average Price by Manufacturers (2019-2024)
- 3.4 Global Heat Sinks Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

- 3.5 Global Heat Sinks Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Heat Sinks Manufacturers, Product Type & Application
- 3.7 Global Heat Sinks Manufacturers, Date of Enter into This Industry
- 3.8 Global Heat Sinks Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 Alpha

- 4.1.1 Alpha Heat Sinks Company Information
- 4.1.2 Alpha Heat Sinks Business Overview
- 4.1.3 Alpha Heat Sinks Production, Value and Gross Margin (2019-2024)
- 4.1.4 Alpha Product Portfolio
- 4.1.5 Alpha Recent Developments

4.2 Molex

- 4.2.1 Molex Heat Sinks Company Information
- 4.2.2 Molex Heat Sinks Business Overview
- 4.2.3 Molex Heat Sinks Production, Value and Gross Margin (2019-2024)
- 4.2.4 Molex Product Portfolio
- 4.2.5 Molex Recent Developments

4.3 TE Connectivity

- 4.3.1 TE Connectivity Heat Sinks Company Information
- 4.3.2 TE Connectivity Heat Sinks Business Overview
- 4.3.3 TE Connectivity Heat Sinks Production, Value and Gross Margin (2019-2024)
- 4.3.4 TE Connectivity Product Portfolio
- 4.3.5 TE Connectivity Recent Developments

4.4 Delta

- 4.4.1 Delta Heat Sinks Company Information
- 4.4.2 Delta Heat Sinks Business Overview
- 4.4.3 Delta Heat Sinks Production, Value and Gross Margin (2019-2024)
- 4.4.4 Delta Product Portfolio
- 4.4.5 Delta Recent Developments

4.5 Mecc.AI

- 4.5.1 Mecc.AI Heat Sinks Company Information
- 4.5.2 Mecc.AI Heat Sinks Business Overview
- 4.5.3 Mecc.AI Heat Sinks Production, Value and Gross Margin (2019-2024)
- 4.5.4 Mecc.AI Product Portfolio
- 4.5.5 Mecc.AI Recent Developments

4.6 Ohmite

- 4.6.1 Ohmite Heat Sinks Company Information
- 4.6.2 Ohmite Heat Sinks Business Overview
- 4.6.3 Ohmite Heat Sinks Production, Value and Gross Margin (2019-2024)
- 4.6.4 Ohmite Product Portfolio
- 4.6.5 Ohmite Recent Developments
- 4.7 Aavid Thermalloy
 - 4.7.1 Aavid Thermalloy Heat Sinks Company Information
 - 4.7.2 Aavid Thermalloy Heat Sinks Business Overview
 - 4.7.3 Aavid Thermalloy Heat Sinks Production, Value and Gross Margin (2019-2024)
 - 4.7.4 Aavid Thermalloy Product Portfolio
 - 4.7.5 Aavid Thermalloy Recent Developments
- 4.8 Sunon
 - 4.8.1 Sunon Heat Sinks Company Information
 - 4.8.2 Sunon Heat Sinks Business Overview
 - 4.8.3 Sunon Heat Sinks Production, Value and Gross Margin (2019-2024)
 - 4.8.4 Sunon Product Portfolio
 - 4.8.5 Sunon Recent Developments
- 4.9 Advanced Thermal Solutions
 - 4.9.1 Advanced Thermal Solutions Heat Sinks Company Information
 - 4.9.2 Advanced Thermal Solutions Heat Sinks Business Overview
 - 4.9.3 Advanced Thermal Solutions Heat Sinks Production, Value and Gross Margin (2019-2024)
 - 4.9.4 Advanced Thermal Solutions Product Portfolio
 - 4.9.5 Advanced Thermal Solutions Recent Developments
- 4.10 DAU
 - 4.10.1 DAU Heat Sinks Company Information
 - 4.10.2 DAU Heat Sinks Business Overview
 - 4.10.3 DAU Heat Sinks Production, Value and Gross Margin (2019-2024)
 - 4.10.4 DAU Product Portfolio
 - 4.10.5 DAU Recent Developments
- 4.11 Apex Microtechnology
 - 4.11.1 Apex Microtechnology Heat Sinks Company Information
 - 4.11.2 Apex Microtechnology Heat Sinks Business Overview
 - 4.11.3 Apex Microtechnology Heat Sinks Production, Value and Gross Margin (2019-2024)
 - 4.11.4 Apex Microtechnology Product Portfolio
 - 4.11.5 Apex Microtechnology Recent Developments
- 4.12 Radian
 - 4.12.1 Radian Heat Sinks Company Information

- 4.12.2 Radian Heat Sinks Business Overview
- 4.12.3 Radian Heat Sinks Production, Value and Gross Margin (2019-2024)
- 4.12.4 Radian Product Portfolio
- 4.12.5 Radian Recent Developments
- 4.13 CUI
 - 4.13.1 CUI Heat Sinks Company Information
 - 4.13.2 CUI Heat Sinks Business Overview
 - 4.13.3 CUI Heat Sinks Production, Value and Gross Margin (2019-2024)
 - 4.13.4 CUI Product Portfolio
 - 4.13.5 CUI Recent Developments
- 4.14 T-Global Technology
 - 4.14.1 T-Global Technology Heat Sinks Company Information
 - 4.14.2 T-Global Technology Heat Sinks Business Overview
 - 4.14.3 T-Global Technology Heat Sinks Production, Value and Gross Margin (2019-2024)
 - 4.14.4 T-Global Technology Product Portfolio
 - 4.14.5 T-Global Technology Recent Developments
- 4.15 Wakefied-Vette
 - 4.15.1 Wakefied-Vette Heat Sinks Company Information
 - 4.15.2 Wakefied-Vette Heat Sinks Business Overview
 - 4.15.3 Wakefied-Vette Heat Sinks Production, Value and Gross Margin (2019-2024)
 - 4.15.4 Wakefied-Vette Product Portfolio
 - 4.15.5 Wakefied-Vette Recent Developments

5 GLOBAL HEAT SINKS PRODUCTION BY REGION

- 5.1 Global Heat Sinks Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.2 Global Heat Sinks Production by Region: 2019-2030
 - 5.2.1 Global Heat Sinks Production by Region: 2019-2024
 - 5.2.2 Global Heat Sinks Production Forecast by Region (2025-2030)
- 5.3 Global Heat Sinks Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.4 Global Heat Sinks Production Value by Region: 2019-2030
 - 5.4.1 Global Heat Sinks Production Value by Region: 2019-2024
 - 5.4.2 Global Heat Sinks Production Value Forecast by Region (2025-2030)
- 5.5 Global Heat Sinks Market Price Analysis by Region (2019-2024)
- 5.6 Global Heat Sinks Production and Value, YOY Growth
 - 5.6.1 North America Heat Sinks Production Value Estimates and Forecasts

(2019-2030)

5.6.2 Europe Heat Sinks Production Value Estimates and Forecasts (2019-2030)

5.6.3 China Taiwan Heat Sinks Production Value Estimates and Forecasts

(2019-2030)

5.6.4 Japan Heat Sinks Production Value Estimates and Forecasts (2019-2030)

5.6.5 Austria Heat Sinks Production Value Estimates and Forecasts (2019-2030)

6 GLOBAL HEAT SINKS CONSUMPTION BY REGION

6.1 Global Heat Sinks Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

6.2 Global Heat Sinks Consumption by Region (2019-2030)

6.2.1 Global Heat Sinks Consumption by Region: 2019-2030

6.2.2 Global Heat Sinks Forecasted Consumption by Region (2025-2030)

6.3 North America

6.3.1 North America Heat Sinks Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.3.2 North America Heat Sinks Consumption by Country (2019-2030)

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

6.4.1 Europe Heat Sinks Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.4.2 Europe Heat Sinks Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Heat Sinks Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific Heat Sinks Consumption by Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Heat Sinks Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa Heat Sinks Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

7 SEGMENT BY TYPE

7.1 Global Heat Sinks Production by Type (2019-2030)

7.1.1 Global Heat Sinks Production by Type (2019-2030) & (M Pcs)

7.1.2 Global Heat Sinks Production Market Share by Type (2019-2030)

7.2 Global Heat Sinks Production Value by Type (2019-2030)

7.2.1 Global Heat Sinks Production Value by Type (2019-2030) & (US\$ Million)

7.2.2 Global Heat Sinks Production Value Market Share by Type (2019-2030)

7.3 Global Heat Sinks Price by Type (2019-2030)

8 SEGMENT BY APPLICATION

8.1 Global Heat Sinks Production by Application (2019-2030)

8.1.1 Global Heat Sinks Production by Application (2019-2030) & (M Pcs)

8.1.2 Global Heat Sinks Production by Application (2019-2030) & (M Pcs)

8.2 Global Heat Sinks Production Value by Application (2019-2030)

8.2.1 Global Heat Sinks Production Value by Application (2019-2030) & (US\$ Million)

8.2.2 Global Heat Sinks Production Value Market Share by Application (2019-2030)

8.3 Global Heat Sinks Price by Application (2019-2030)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

9.1 Heat Sinks Value Chain Analysis

9.1.1 Heat Sinks Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Heat Sinks Production Mode & Process

9.2 Heat Sinks Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Heat Sinks Distributors

9.2.3 Heat Sinks Customers

10 GLOBAL HEAT SINKS ANALYZING MARKET DYNAMICS

10.1 Heat Sinks Industry Trends

10.2 Heat Sinks Industry Drivers

10.3 Heat Sinks Industry Opportunities and Challenges

10.4 Heat Sinks Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

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