

Global 3D Printed Heat Sink Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

<https://marketpublishers.com/r/GC876699C689EN.html>

Date: October 2025

Pages: 89

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

ID: GC876699C689EN

Abstracts

According to our (Global Info Research) latest study, the global 3D Printed Heat Sink market size was valued at US\$ 15.6 million in 2024 and is forecast to a readjusted size of USD 55.1 million by 2031 with a CAGR of 19.9% during review period.

In this report, we will assess the current U.S. tariff framework alongside international policy adaptations, analyzing their effects on competitive market structures, regional economic dynamics, and supply chain resilience.

3D printed heat sinks are heat sinks manufactured using 3D printing technology and are used to conduct and release heat. With the rapid development of electronic components and their application products, heat loss and thermal safety issues have become increasingly prominent. Traditional heat sink manufacturing methods have problems such as large size, heavy weight, cumbersome manufacturing process, and complex channels that easily cause increased medium flow resistance and flow dead zones, resulting in a significant reduction in heat dissipation rate. 3D printing technology has the characteristics of overall molding and is suitable for printing complex structures, which can effectively solve these problems.

This report is a detailed and comprehensive analysis for global 3D Printed Heat Sink 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 3D Printed Heat Sink market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global 3D Printed Heat Sink market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global 3D Printed Heat Sink market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global 3D Printed Heat Sink market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

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 3D Printed Heat Sink

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 3D Printed Heat Sink 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 Betatype, Stratasys, Heraeus, IQ Evolution, Shenzhen JR Technology Co., Ltd, Hinetics, FacFox, etc.

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

Market Segmentation

3D Printed Heat Sink market is split by Type and by Application. For the period 2020-2031, 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

Aluminum Heat Sink

Copper Heat Sink

Copper Aluminum Heat Sink

Others

Market segment by Application

Automobile

Electronic

Others

Major players covered

Betatype

Stratasys

Heraeus

IQ Evolution

Shenzhen JR Technology Co., Ltd

Hinetics

FacFox

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 3D Printed Heat Sink product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of 3D Printed Heat Sink, with price, sales quantity, revenue, and global market share of 3D Printed Heat Sink from 2020 to 2025.

Chapter 3, the 3D Printed Heat Sink competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the 3D Printed Heat Sink breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

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 2020 to 2031.

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 2020 to 2025. and 3D Printed Heat Sink market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 3D Printed Heat Sink.

Chapter 14 and 15, to describe 3D Printed Heat Sink sales channel, distributors, customers, research findings and conclusion.

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