

Report Information

More information from: <https://www.marketresearchfuture.com/reports/in-memory-grid-market-7366>

In-Memory Grid Market Research Report – Global Forecast till 2030

Report / Search Code: MRFR/ICT/5897-HCR

Publish Date: December, 2023

[Request Sample](#)

Price	1-user PDF : \$ 4455.0	Site PDF : \$ 5355.0	Enterprise PDF : \$ 6525.0
-------	------------------------	----------------------	----------------------------

Description:

In-Memory Grid Market Overview

The In-Memory Grid Market was valued at USD 1.32 Billion in the year 2017. According to MEFR Analysis, the market is projected to reach USD 22.79 Billion. The projected CAGR of the market is 19.15% during the forecast period 2022-2030. The in-memory grid is basically built for increasing the scalability by allocating the data through several sources. It is used for handling the variability, velocity of large data. The innovation of new technologies such as IoT, Cloud systems, Big Data, Mobile, etc. has also increased the demand for In-memory grid technology.

With the growing speed of digitalization, financial institutions are looking forward to a reliable and flexible approach for customers. They generally use risk and fraud management to improve their proficiency to combat the risk exposures. By using the in-memory data grid, it will help them to easily perform the analytics. The trading systems that require high transactions will be the best environment for the in-memory data grid. It is because it helps to conduct real-time analysis due to instant data transfer.

Additionally, the large enterprises and SMEs will be largely benefitted from the In-Memory Grid technology. It will help them to enhance their market strategies and also reduce any potential risks. It is expected that North America will hold the largest market share during the forecast period. However, the Asia-Pacific region will register the highest CAGR during the forecast period. Therefore, the In-Memory Grid Industry will flourish at a substantial rate in the upcoming period.

COVID-19 Analysis

Since the outbreak of COVID-19, financial institutions like banks, etc. have observed several cases of fraudulent activities. As the non-essential services were closed down due to the pandemic, the digital platform emerged as a profitable alternative to the enterprises. With time, the use of the digital platform will further rise which will be beneficial for the In-Memory Grid Business. Thus, there is a huge scope for the exponential growth of the market.

Market Dynamics

Market Drivers

The vital driving factor for the In-Memory Grid Market is the growing need for enhanced technology and risk and fraud management. It provides business organizations to provide the correct and real-time analysis to reduce any potential risk. Also, it is easier to operate than the traditional ways of management of data.

Restraints

One of the major restraints is the low awareness among the business organization can slow down the market growth. Also, the component or system failure can lead to data loss can be a huge disadvantage for the businesses and eventually slow down the growth of In-Memory Grid Industry as well.

Opportunities

The In-Memory Grid technology is largely used by several organizations to reduce any risks and increase the capability to cut down the risk exposures. Apart from that, the integration of risk management will slowly become among the main priority of the enterprises. Also, it will further improve the capability of financial organizations to strengthen their market strategies.

Challenges

The concerns regarding data security and safety among the organizations will be challenging for the In-Memory Grid Market. Also, the availability of other solutions can hinder market growth to a certain extent. Another technology is called IMDB which stands for In-Memory Databases that can do calculations and data storage around several data which will be challenging for the market to bloom.

Cumulative Analysis

As per the In-Memory Grid Market Analysis, the market observed a significant growth in 2017 with a market value of USD 1.32 Billion. According to MRFR analysis, the market value will reach up to USD 3.46 Billion during the forecast period 2021-2028. The Compound Annual Growth Rate (CAGR) of the In-Memory Grid Market is estimated to reach up to 16.8%. Hence, the market will register substantial growth in the upcoming years.

Value Chain Analysis

The increasing In-Memory Grid Market Trends due to its several benefits to offer the best solutions for the

organization will increase its value. The increasing transformation to the digital platform among several end-users in the industries will ensure smooth workflow and productivity. Therefore, the market will register an enormous growth with several positive factors that will influence the business organizations as well.

Market Segmentations

The In-Memory Grid Market Segments is segmented into deployment type, component, vertical, and application. On the basis of deployment type, the In-Memory Grid Industry is segmented into on-cloud and on-premise.

Based on components, the In-Memory Grid Market is further segmented into services and solutions.

On the basis of vertical, the In-Memory Grid Market is further divided into Government, Telecommunication and IT, Banking, Financial Services and Insurance (BFSI) Healthcare, Retail, and Entertainment and Media

Based upon application, the In-Memory Grid Industry is bifurcated into Supply Chain, Transaction Processing, Marketing and Sales, and Risk and Fraud Management.

Regional Analysis

On the basis of region, the In-Memory Grid Market Size is segmented into North America, Asia-Pacific, Europe, and the Rest of the World. It is projected that North America will hold the largest market share in In-Memory Grid Business. Countries such as Canada and the US are heavily investing in infrastructure and development.

Europe is also estimated to hold the second-largest In-Memory Grid Market Share in the upcoming period. The emergence of several MNCs and investments will further enhance the market growth at a certain rate. The rapid investments in technologies such as DevOps, the Internet of Things, social media, and many more will boost the growth of the In-Memory Grid Industry. Additionally, the availability of several multinational countries will also propel the market in the European region.

For the growing adoption of new technologies and development in network connectivity and the internet, the Asia-Pacific region will record the highest growth in the upcoming period. Several developing countries like India, China, South Korea, etc. are developing at a rapid speed with new technologies. It will open several opportunities for the enterprises and stakeholders to gain huge profits in the upcoming years.

Competitive Landscape

The In-Memory Grid Business is highly fragmented due to the presence of several key players. To enhance their brand image, they apply several market strategies such as market analysis, collaborations, new product launches, acquisitions, new ventures, collaborations, etc. Some of the important In-Memory Grid Market Players are-

- Red Hat Inc. (US)
- IBM Corporation (US)
- TmaxSoft (US)
- Software AG (Germany)
- Pivotal Software Inc. (US)
- Hitachi Ltd. (Japan)
- TIBCO Software Inc. (US)
- Alachisoft (US)
- GigaSpaces Technologies Inc. (US)
- ScaleOut Software Inc. (US)
- Hazelcast Inc. (US)
- GridGain Systems (US)
- Oracle Corporation (US)
- Parallel Universe (US)

Recent Developments

- IBM Corporation in October 2019 announced its collaboration with a company called Hazelcast. This acquisition will help the company to improve its solutions with fraud detection, IoT, Payment processing and enhance customer experience.
- RedHat in the year 2018, announced the partnership with renowned key player IBM Corporation. The main purpose of this acquisition was to target the sector of hybrid cloud by comprising services and technologies.
- In the year 2020 Oracle Corporation announced the release of its IMDG product. It includes fault-tolerant, aggregation, caching querying, caching, persistence, and many more.

Report Overview

The overview of the In-Memory Grid Market Research Report is listed in the following-

- Market Overview
- COVID-19 Analysis
- Dynamics of the Market
- Value Chain Analysis
- Market Segmentation
- Regional Analysis
- Competitive Analysis
- Recent Development

Report Scope and Segmentation

- Study Period- 2021-2028
- Base Year-2021
- Forecast Period- 2021-2028
- Historical Period-2019-2020

The report score so to highlight the strength and capabilities of the In-Memory Grid Market. It provides significant information about the challenges, restraints, and opportunities as well. The information provided in the report is collected from various secondary and primary sources.

Segmentation

- By Application
 - Supply Chain
 - Transaction Processing
 - Marketing and Sales
 - Risk and Fraud Management
- By Component
 - Services
 - Solutions
- By Vertical
 - Government
 - Telecommunication and IT
 - Banking, Financial Services and Insurance (BFSI)
 - Healthcare
 - Entertainment and Media
 - Retail
- By Deployment
 - On-Premise
 - On-Cloud
- By Region
 - Asia-Pacific
 - Europe

- North America
- Rest of the World

Table of Content:

Contents	
TABLE OF CONTENTS	
1 Report Prologue	
2 Scope of The Report	
2.1 Market Definition	
2.2 Scope of The Study	
2.2.1 Research Objectives	
2.3 Market Structure	
3 Research Methodology	
3.1 Research Process	
3.2 Primary Research	
3.3 Secondary Research	
3.4 Market Size Estimation	
3.5 Forecast Model	
3.6 Assumptions	
3.7 Limitations	
4 Market Dynamics	
4.1 Introduction	
4.2 Drivers	
4.3 Restraints	
4.4 Challenges	
4.5 Opportunity	
5 Market Factor Analysis	
5.1 Supply Chain Analysis	
5.2 Porter's Five Force Analysis	
5.2.1 Threat of New Entrants	
5.2.2 Threat of Rivalry	
5.2.3 Threat of Substitute	
5.2.4 Bargaining Power of Supplier	
5.2.5 Bargaining Power of Buyer	
6 Global In-Memory Grid Market, By Components	
6.1 Introduction	
6.2 Solution	
6.2.1 Market Estimates & Forecast, 2020-2027	
6.2.2 Market Estimates & Forecast by Region/Country, 2020-2027	
6.3 Service	
6.3.1 Market Estimates & Forecast, 2020-2027	
6.3.2 Market Estimates & Forecast by Region/Country, 2020-2027	
7 Global In-Memory Grid Market, By Deployment Type	
7.1 Introduction	
7.2 Cloud	
7.2.1 Market Estimates & Forecast, 2020-2027	
7.2.2 Market Estimates & Forecast by Region/Country, 2020-2027	
7.3 On-Premise	
7.3.1 Market Estimates & Forecast, 2020-2027	
7.3.2 Market Estimates & Forecast by Region/Country, 2020-2027	
8 Global In-Memory Grid Market, By Application	
8.1 Introduction	
8.2 Risk & Fraud Management	
8.2.1 Market Estimates & Forecast, 2020-2027	
8.2.2 Market Estimates & Forecast by Region/Country, 2020-2027	
8.3 Transaction Processing	
8.3.1 Market Estimates & Forecast, 2020-2027	
8.3.2 Market Estimates & Forecast by Region/Country, 2020-2027	
8.4 Supply Chain Processing	
8.4.1 Market Estimates & Forecast, 2020-2027	
8.4.2 Market Estimates & Forecast by Region/Country, 2020-2027	
8.5 Sales and Marketing	
8.5.1 Market Estimates & Forecast, 2020-2027	
8.5.2 Market Estimates & Forecast by Region/Country, 2020-2027	
9 Global In-Memory Grid Market, By Vertical	
9.1 Introduction	
9.2 BFSI	
9.2.1 Market Estimates & Forecast, 2019-2027	
9.2.2 Market Estimates & Forecast by Region/Country, 2019-2027	
9.3 Government	
9.3.1 Market Estimates & Forecast, 2019-2027	
9.3.2 Market Estimates & Forecast by Region/Country, 2019-2027	
9.4 IT and telecommunication	
9.4.1 Market Estimates & Forecast, 2019-2027	
9.4.2 Market Estimates & Forecast by Region/Country, 2019-2027	
9.5 Healthcare	
9.5.1 Market Estimates & Forecast, 2019-2027	
9.5.2 Market Estimates & Forecast by Region/Country, 2019-2027	
9.6 Media & Entertainment	
9.6.1 Market Estimates & Forecast, 2019-2027	
9.6.2 Market Estimates & Forecast by Region/Country, 2019-2027	
9.7 Retail	
9.7.1 Market Estimates & Forecast, 2019-2027	
9.7.2 Market Estimates & Forecast by Region/Country, 2019-2027	
9.8 Others	
9.8.1 Market Estimates & Forecast, 2019-2027	
9.8.2 Market Estimates & Forecast by Region/Country, 2019-2027	
10 Global In-Memory Grid Market, By Region	
10.1 Introduction	
10.2 North America	

10.2.1	Market Estimates & Forecast, by Country, 2020-2027
10.2.2	Market Estimates & Forecast by Components, 2020-2027
10.2.3	Market Estimates & Forecast by Application, 2020-2027
10.2.4	Market Estimates & Forecast by Deployment Type, 2020-2027
10.2.5	Market Estimates & Forecast by Vertical, 2020-2027
10.2.6	US
10.2.6.1	Market Estimates & Forecast by Components, 2020-2027
10.2.6.2	Market Estimates & Forecast by Application, 2020-2027
10.2.6.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.2.6.4	Market Estimates & Forecast by Vertical, 2020-2027
10.2.7	Canada
10.2.7.1	Market Estimates & Forecast by Components, 2020-2027
10.2.7.2	Market Estimates & Forecast by Application, 2020-2027
10.2.7.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.2.7.4	Market Estimates & Forecast by Vertical, 2020-2027
10.2.8	Mexico
10.2.8.1	Market Estimates & Forecast by Components, 2020-2027
10.2.8.2	Market Estimates & Forecast by Application, 2020-2027
10.2.8.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.2.8.4	Market Estimates & Forecast by Vertical, 2020-2027
10.3	Europe
10.3.1	Market Estimates & Forecast, by Country, 2020-2027
10.3.2	Market Estimates & Forecast by Components, 2020-2027
10.3.3	Market Estimates & Forecast by Application, 2020-2027
10.3.4	Market Estimates & Forecast by Deployment Type, 2020-2027
10.3.5	Market Estimates & Forecast by Vertical, 2020-2027
10.3.6	Germany
10.3.6.1	Market Estimates & Forecast by Components, 2020-2027
10.3.6.2	Market Estimates & Forecast by Application, 2020-2027
10.3.6.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.3.6.4	Market Estimates & Forecast by Vertical, 2020-2027
10.3.7	UK
10.3.7.1	Market Estimates & Forecast by Components, 2020-2027
10.3.7.2	Market Estimates & Forecast by Application, 2020-2027
10.3.7.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.3.7.4	Market Estimates & Forecast by Vertical, 2020-2027
10.3.8	France
10.3.8.1	Market Estimates & Forecast by Components, 2020-2027
10.3.8.2	Market Estimates & Forecast by Application, 2020-2027
10.3.8.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.3.8.4	Market Estimates & Forecast by Vertical, 2020-2027
10.3.9	Rest of Europe
10.3.9.1	Market Estimates & Forecast by Components, 2020-2027
10.3.9.2	Market Estimates & Forecast by Application, 2020-2027
10.3.9.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.3.9.4	Market Estimates & Forecast by Vertical, 2020-2027
10.4	Asia Pacific
10.4.1	Market Estimates & Forecast, by Country, 2020-2027
10.4.2	Market Estimates & Forecast by Components, 2020-2027
10.4.3	Market Estimates & Forecast by Application, 2020-2027
10.4.4	Market Estimates & Forecast by Deployment Type, 2020-2027
10.4.5	Market Estimates & Forecast by Vertical, 2020-2027
10.4.6	China
10.3.6.1	Market Estimates & Forecast by Components, 2020-2027
10.3.6.2	Market Estimates & Forecast by Application, 2020-2027
10.3.6.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.3.6.4	Market Estimates & Forecast by Vertical, 2020-2027
10.4.7	Japan
10.3.7.1	Market Estimates & Forecast by Components, 2020-2027
10.3.7.2	Market Estimates & Forecast by Application, 2020-2027
10.3.7.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.3.7.4	Market Estimates & Forecast by Vertical, 2020-2027
10.4.8	India
10.3.8.1	Market Estimates & Forecast by Components, 2020-2027
10.3.8.2	Market Estimates & Forecast by Application, 2020-2027
10.3.8.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.3.8.4	Market Estimates & Forecast by Vertical, 2020-2027
10.4.9	Rest of Asia Pacific
10.3.9.1	Market Estimates & Forecast by Components, 2020-2027
10.3.9.2	Market Estimates & Forecast by Application, 2020-2027
10.3.9.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.3.9.4	Market Estimates & Forecast by Vertical, 2020-2027
10.5	Rest of the World
10.5.1	Market Estimates & Forecast, by Country, 2020-2027
10.5.2	Market Estimates & Forecast by Components, 2020-2027
10.5.3	Market Estimates & Forecast by Application, 2020-2027
10.5.4	Market Estimates & Forecast by Deployment Type, 2020-2027
10.5.5	Market Estimates & Forecast by Vertical, 2020-2027
10.5.5	Middle East & Africa
10.5.5.1	Market Estimates & Forecast by Components, 2020-2027
10.5.5.2	Market Estimates & Forecast by Application, 2020-2027
10.5.5.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.5.5.4	Market Estimates & Forecast by Vertical, 2020-2027
10.5.6	Latin America
10.5.6.1	Market Estimates & Forecast by Components, 2020-2027
10.5.6.2	Market Estimates & Forecast by Application, 2020-2027
10.5.6.3	Market Estimates & Forecast by Deployment Type, 2020-2027
10.5.6.4	Market Estimates & Forecast by Vertical, 2020-2027
10	Competitive Landscape
10.1	Introduction
10.2	Market Strategy Analysis
10.3	Competitive Benchmarking of Market Players
11	Company Profile

11.1	IBM Corporation
11.1.1	Company Overview
11.1.2	Financials
11.1.3	Products
11.1.4	Strategy
11.1.5	Key Developments
11.2	Software AG
11.2.1	Company Overview
11.2.2	Financials
11.2.3	Products
11.2.4	Strategy
11.2.5	Key Developments
11.3	Red Hat, Inc.
11.3.1	Company Overview
11.3.2	Financials
11.3.3	Products
11.3.4	Key Development
11.4	Pivotal Software, Inc.
11.4.1	Company Overview
11.4.2	Financials
11.4.3	Products
11.4.4	Strategy
11.4.5	Key Developments
11.5	Oracle Corporation
11.5.1	Company Overview
11.5.2	Financials
11.5.3	Products
11.5.4	Strategy
11.5.5	Key Developments
11.6	Hitachi, Ltd.
11.6.1	Company Overview
11.6.2	Financials
11.6.3	Products
11.6.4	Strategy
11.6.5	Key Developments
11.7	GigaSpaces Technologies Inc.
11.7.1	Company Overview
11.7.2	Financials
11.7.3	Products
11.7.4	Strategy
11.7.5	Key Developments
11.8	ScaleOut Software, Inc.
11.8.1	Company Overview
11.8.2	Financials
11.8.3	Products
11.8.4	Strategy
11.8.5	Key Developments
11.9	TIBCO Software Inc.
11.9.1	Company Overview
11.9.2	Financials
11.9.3	Products
11.9.4	Strategy
11.9.5	Key Developments
11.10	Hazelcast, Inc
11.10.1	Company Overview
11.10.2	Financials
11.10.3	Products
11.10.4	Strategy
11.10.5	Key Developments
11	Appendix
11.1	Discussion Blue Print
11.2	References

** Note: Details on Financial Overview, SWOT Analysis, Key Strategy Might Not Be Captured in Case of Unlisted Companies

LIST OF TABLES

Table 1	Global In-Memory Grid Market, by Region, 2020–2027
Table 2	North America: In-Memory Grid Market, by Country, 2020–2027
Table 3	Europe: In-Memory Grid Market, by Country, 2020–2027
Table 4	Asia-Pacific: In-Memory Grid Market, by Country, 2020–2027
Table 5	Middle East & Africa: In-Memory Grid Market, by Country, 2020–2027
Table 6	Latin America: In-Memory Grid Market, by Country, 2020–2027
Table 7	Global In-Memory Grid Deployment Type Market, by Region, 2020–2027
Table 8	North America: In-Memory Grid Deployment Type Market, by Country, 2020–2027
Table 9	Europe: In-Memory Grid Deployment Type Market, by Country, 2020–2027
Table 10	Asia-Pacific: In-Memory Grid Deployment Type Market, by Country, 2020–2027
Table 11	Middle East & Africa: In-Memory Grid Deployment Type Market, by Country, 2020–2027
Table 12	Latin America: In-Memory Grid Deployment Type Market, by Country, 2020–2027
Table 13	Global In-Memory Grid Components Market, by Region, 2020–2027
Table 14	North America: In-Memory Grid Components Market, by Country, 2020–2027
Table 15	Europe: In-Memory Grid Components Market, by Country, 2020–2027
Table 16	Asia-Pacific: In-Memory Grid Components Market, by Country, 2020–2027
Table 17	Middle East & Africa: In-Memory Grid Components Market, by Country, 2020–2027
Table 18	Latin America: In-Memory Grid Components Market, by Country, 2020–2027
Table 19	North America: In-Memory Grid Market, by Country
Table 20	North America: In-Memory Grid Market, by Deployment Type
Table 21	North America: In-Memory Grid Market, by Components
Table 22	Europe: In-Memory Grid Market, by Country
Table 23	Europe: In-Memory Grid Market, by Deployment Type
Table 24	Europe: In-Memory Grid Market, by Components

Table25	Asia-Pacific: In-Memory Grid Market, by Country
Table26	Asia-Pacific: In-Memory Grid Market, by Deployment Type
Table27	Asia-Pacific: In-Memory Grid Market, by Components
Table28	Middle East & Africa: In-Memory Grid Market, by Country
Table29	Middle East & Africa: In-Memory Grid Market, by Deployment Type
Table30	Middle East & Africa: In-Memory Grid Market, by Components
Table31	Latin America: In-Memory Grid Market, by Country
Table32	Latin America: In-Memory Grid Market, by Deployment Type
Table33	Latin America: In-Memory Grid Market, by Components

LIST OF FIGURES

FIGURE 1	Global In-Memory Grid Market Segmentation
FIGURE 2	Forecast Methodology
FIGURE 3	Porter's Five Forces Analysis of Global In-Memory Grid Market
FIGURE 4	Value Chain of Global In-Memory Grid Market
FIGURE 5	Share of Global In-Memory Grid Market in 2020, by Country (in %)
FIGURE 6	Global In-Memory Grid Market, 2020–2027
FIGURE 7	Global In-Memory Grid Market Size, by Deployment Type, 2020
FIGURE 8	Share of Global In-Memory Grid Market, by Deployment Type, 2020 to 2027
FIGURE 9	Global In-Memory Grid Market Size, by Components, 2020
FIGURE 10	Share of Global In-Memory Grid Market, by Components, 2020 to 2027