

In-Memory Database Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/I33407600349EN.html>

Date: November 2023

Pages: 147

Price: US\$ 2,499.00 (Single User License)

ID: I33407600349EN

Abstracts

The global in-memory database market size reached US\$ 5.9 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 15.9 Billion by 2028, exhibiting a growth rate (CAGR) of 18.0% during 2022-2028.

An in-memory database (IMDB) relies on random-access memory (RAM) to store and manage data in a compressed and non-relational format. It is more volatile and controls different parts of the database through direct pointers and allows real-time analysis and data reporting compared to conventional disk-based databases. It also eliminates the need for query data from a disk, which helps attain faster transactions and multi-user concurrency. Consequently, it is extensively utilized in interactive online gaming, geospatial processing and developing embedded software systems worldwide. Moreover, as it reduces data indexing and IT costs, it finds application in business intelligence (BI) for storing historical data on metrics.

The widespread adoption of big data analytics, in confluence with the escalating demand for managing high-performance computing (HPC), represents one of the key factors stimulating the growth of the IMDB market. Moreover, with the growing focus on precision medicine, IMDB is gaining traction in the healthcare industry to expand functionality and improve the safety of medical devices. It also assists in real-time analysis of electronic health records, which is contributing to the market growth. Apart from this, the development of non-volatile random-access memory (NVRAM) allows IMDB to maintain data after a power outage or computer crash. Furthermore, the application of IMDBs is increasing in cloud-based applications and e-commerce websites to improve speed and scalability. Other factors such as the rising adoption of cloud services, escalating demand for online gaming and the increasing utilization of e-commerce channels due to the coronavirus disease (COVID-19) outbreak, consequent lockdowns and social distancing measures promoted by governments of various

countries are influencing the market positively.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global in-memory database market report, along with forecasts at the global, regional and country levels from 2023-2028. Our report has categorized the market based on data type, application, end user and vertical.

Breakup by Data Type:

Relational

NoSQL

NewSQL

Breakup by Application:

Customer Experience Management

Design & Innovation

Operation Optimization

Marketing Management

Real-Time Analysis and Decision-making

Others

Breakup by End User:

SMEs

Large Enterprises

Breakup by Vertical:

BFSI

Retail & E-commerce

Government & Defense

Healthcare

Manufacturing

Telecom & ITES

Others

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being Altibase Corporation, Amazon Web Services, Datastax, Enea AB, IBM Corporation, Kognitio Ltd., Mcobject LLC, Microsoft Corporation, Oracle Corporation, SAP SE, Tableau Software, Teradata Corporation and VoltDB Inc.

Key Questions Answered in This Report

1. What was the size of the global in-memory database market in 2022?
2. What is the expected growth rate of the global in-memory database market during 2023-2028?
3. What has been the impact of COVID-19 on the global in-memory database market?
4. What are the key factors driving the global in-memory database market?
5. What is the breakup of the global in-memory database market based on the data type?
6. What is the breakup of the global in-memory database market based on the end user?
7. What is the breakup of the global in-memory database market based on the vertical?
8. What are the key regions in the global in-memory database market?
9. Who are the key players/companies in the global in-memory database market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL IN-MEMORY DATABASE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY DATA TYPE

- 6.1 Relational
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 NoSQL
 - 6.2.1 Market Trends

- 6.2.2 Market Forecast
- 6.3 NewSQL
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast

7 MARKET BREAKUP BY APPLICATION

- 7.1 Customer Experience Management
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Design & Innovation
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Operation Optimization
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Marketing Management
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
- 7.5 Real-Time Analysis and Decision-making
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast
- 7.6 Others
 - 7.6.1 Market Trends
 - 7.6.2 Market Forecast

8 MARKET BREAKUP BY END USER

- 8.1 SMEs
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Large Enterprises
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast

9 MARKET BREAKUP BY VERTICAL

- 9.1 BFSI
 - 9.1.1 Market Trends

- 9.1.2 Market Forecast
- 9.2 Retail & E-commerce
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Government & Defense
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast
- 9.4 Healthcare
 - 9.4.1 Market Trends
 - 9.4.2 Market Forecast
- 9.5 Manufacturing
 - 9.5.1 Market Trends
 - 9.5.2 Market Forecast
- 9.6 Telecom & ITES
 - 9.6.1 Market Trends
 - 9.6.2 Market Forecast
- 9.7 Others
 - 9.7.1 Market Trends
 - 9.7.2 Market Forecast

10 MARKET BREAKUP BY REGION

- 10.1 North America
 - 10.1.1 United States
 - 10.1.1.1 Market Trends
 - 10.1.1.2 Market Forecast
 - 10.1.2 Canada
 - 10.1.2.1 Market Trends
 - 10.1.2.2 Market Forecast
- 10.2 Asia Pacific
 - 10.2.1 China
 - 10.2.1.1 Market Trends
 - 10.2.1.2 Market Forecast
 - 10.2.2 Japan
 - 10.2.2.1 Market Trends
 - 10.2.2.2 Market Forecast
 - 10.2.3 India
 - 10.2.3.1 Market Trends
 - 10.2.3.2 Market Forecast

- 10.2.4 South Korea
 - 10.2.4.1 Market Trends
 - 10.2.4.2 Market Forecast
- 10.2.5 Australia
 - 10.2.5.1 Market Trends
 - 10.2.5.2 Market Forecast
- 10.2.6 Indonesia
 - 10.2.6.1 Market Trends
 - 10.2.6.2 Market Forecast
- 10.2.7 Others
 - 10.2.7.1 Market Trends
 - 10.2.7.2 Market Forecast
- 10.3 Europe
 - 10.3.1 Germany
 - 10.3.1.1 Market Trends
 - 10.3.1.2 Market Forecast
 - 10.3.2 France
 - 10.3.2.1 Market Trends
 - 10.3.2.2 Market Forecast
 - 10.3.3 United Kingdom
 - 10.3.3.1 Market Trends
 - 10.3.3.2 Market Forecast
 - 10.3.4 Italy
 - 10.3.4.1 Market Trends
 - 10.3.4.2 Market Forecast
 - 10.3.5 Spain
 - 10.3.5.1 Market Trends
 - 10.3.5.2 Market Forecast
 - 10.3.6 Russia
 - 10.3.6.1 Market Trends
 - 10.3.6.2 Market Forecast
 - 10.3.7 Others
 - 10.3.7.1 Market Trends
 - 10.3.7.2 Market Forecast
- 10.4 Latin America
 - 10.4.1 Brazil
 - 10.4.1.1 Market Trends
 - 10.4.1.2 Market Forecast
 - 10.4.2 Mexico

10.4.2.1 Market Trends

10.4.2.2 Market Forecast

10.4.3 Others

10.4.3.1 Market Trends

10.4.3.2 Market Forecast

10.5 Middle East and Africa

10.5.1 Market Trends

10.5.2 Market Breakup by Country

10.5.3 Market Forecast

11 SWOT ANALYSIS

11.1 Overview

11.2 Strengths

11.3 Weaknesses

11.4 Opportunities

11.5 Threats

12 VALUE CHAIN ANALYSIS

13 PORTERS FIVE FORCES ANALYSIS

13.1 Overview

13.2 Bargaining Power of Buyers

13.3 Bargaining Power of Suppliers

13.4 Degree of Competition

13.5 Threat of New Entrants

13.6 Threat of Substitutes

14 PRICE ANALYSIS

15 COMPETITIVE LANDSCAPE

15.1 Market Structure

15.2 Key Players

15.3 Profiles of Key Players

15.3.1 Altibase Corporation

- 15.3.1.1 Company Overview
- 15.3.1.2 Product Portfolio
- 15.3.2 Amazon Web Services
 - 15.3.2.1 Company Overview
 - 15.3.2.2 Product Portfolio
 - 15.3.2.3 SWOT Analysis
- 15.3.3 Datastax
 - 15.3.3.1 Company Overview
 - 15.3.3.2 Product Portfolio
- 15.3.4 Enea AB
 - 15.3.4.1 Company Overview
 - 15.3.4.2 Product Portfolio
 - 15.3.4.3 Financials
- 15.3.5 IBM Corporation
 - 15.3.5.1 Company Overview
 - 15.3.5.2 Product Portfolio
 - 15.3.5.3 Financials
 - 15.3.5.4 SWOT Analysis
- 15.3.6 Kognitio Ltd.
 - 15.3.6.1 Company Overview
 - 15.3.6.2 Product Portfolio
- 15.3.7 Mcobject LLC
 - 15.3.7.1 Company Overview
 - 15.3.7.2 Product Portfolio
- 15.3.8 Microsoft Corporation
 - 15.3.8.1 Company Overview
 - 15.3.8.2 Product Portfolio
 - 15.3.8.3 Financials
 - 15.3.8.4 SWOT Analysis
- 15.3.9 Oracle Corporation
 - 15.3.9.1 Company Overview
 - 15.3.9.2 Product Portfolio
 - 15.3.9.3 Financials
 - 15.3.9.4 SWOT Analysis
- 15.3.10 SAP SE
 - 15.3.10.1 Company Overview
 - 15.3.10.2 Product Portfolio
 - 15.3.10.3 Financials
 - 15.3.10.4 SWOT Analysis

15.3.11 Tableau Software

15.3.11.1 Company Overview

15.3.11.2 Product Portfolio

15.3.12 Teradata Corporation

15.3.12.1 Company Overview

15.3.12.2 Product Portfolio

15.3.13 VoltDB Inc.

15.3.13.1 Company Overview

15.3.13.2 Product Portfolio

List Of Tables

LIST OF TABLES

Table 1: Global: In-Memory Database Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: In-Memory Database Market Forecast: Breakup by Data Type (in Million US\$), 2023-2028

Table 3: Global: In-Memory Database Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 4: Global: In-Memory Database Market Forecast: Breakup by End User (in Million US\$), 2023-2028

Table 5: Global: In-Memory Database Market Forecast: Breakup by Vertical (in Million US\$), 2023-2028

Table 6: Global: In-Memory Database Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 7: Global: In-Memory Database Market: Competitive Structure

Table 8: Global: In-Memory Database Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: In-Memory Database Market: Major Drivers and Challenges

Figure 2: Global: In-Memory Database Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: In-Memory Database Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: In-Memory Database Market: Breakup by Data Type (in %), 2022

Figure 5: Global: In-Memory Database Market: Breakup by Application (in %), 2022

Figure 6: Global: In-Memory Database Market: Breakup by End User (in %), 2022

Figure 7: Global: In-Memory Database Market: Breakup by Vertical (in %), 2022

Figure 8: Global: In-Memory Database Market: Breakup by Region (in %), 2022

Figure 9: Global: In-Memory Database (Relational) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 10: Global: In-Memory Database (Relational) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 11: Global: In-Memory Database (NoSQL) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 12: Global: In-Memory Database (NoSQL) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 13: Global: In-Memory Database (NewSQL) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: In-Memory Database (NewSQL) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: In-Memory Database (Customer Experience Management) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: In-Memory Database (Customer Experience Management) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: In-Memory Database (Design & Innovation) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: In-Memory Database (Design & Innovation) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Global: In-Memory Database (Operation Optimization) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: In-Memory Database (Operation Optimization) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Global: In-Memory Database (Marketing Management) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: In-Memory Database (Marketing Management) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: In-Memory Database (Real-Time Analysis and Decision-making) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: In-Memory Database (Real-Time Analysis and Decision-making) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Global: In-Memory Database (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Global: In-Memory Database (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Global: In-Memory Database (SMEs) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Global: In-Memory Database (SMEs) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Global: In-Memory Database (Large Enterprises) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Global: In-Memory Database (Large Enterprises) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Global: In-Memory Database (BFSI) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Global: In-Memory Database (BFSI) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Global: In-Memory Database (Retail & E-commerce) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Global: In-Memory Database (Retail & E-commerce) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Global: In-Memory Database (Government & Defense) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Global: In-Memory Database (Government & Defense) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Global: In-Memory Database (Healthcare) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 38: Global: In-Memory Database (Healthcare) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 39: Global: In-Memory Database (Manufacturing) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 40: Global: In-Memory Database (Manufacturing) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 41: Global: In-Memory Database (Telecom & ITES) Market: Sales Value (in

Million US\$), 2017 & 2022

Figure 42: Global: In-Memory Database (Telecom & ITES) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 43: Global: In-Memory Database (Other Verticals) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 44: Global: In-Memory Database (Other Verticals) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 45: North America: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: North America: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: United States: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: United States: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Canada: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Canada: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Asia Pacific: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Asia Pacific: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: China: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: China: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: Japan: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: Japan: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: India: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: India: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: South Korea: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: South Korea: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Australia: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Australia: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Indonesia: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 64: Indonesia: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 65: Others: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 66: Others: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 67: Europe: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 68: Europe: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 69: Germany: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 70: Germany: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 71: France: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 72: France: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 73: United Kingdom: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 74: United Kingdom: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 75: Italy: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 76: Italy: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 77: Spain: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 78: Spain: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 79: Russia: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 80: Russia: In-Memory Database Market Forecast: Sales Value (in Million US\$),

2023-2028

Figure 81: Others: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 82: Others: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 83: Latin America: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 84: Latin America: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 85: Brazil: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 86: Brazil: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 87: Mexico: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 88: Mexico: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 89: Others: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 90: Others: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 91: Middle East and Africa: In-Memory Database Market: Sales Value (in Million US\$), 2017 & 2022

Figure 92: Middle East and Africa: In-Memory Database Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 93: Global: In-Memory Database Industry: SWOT Analysis

Figure 94: Global: In-Memory Database Industry: Value Chain Analysis

Figure 95: Global: In-Memory Database Industry: Porter's Five Forces Analysis

I would like to order

Product name: In-Memory Database Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

Product link: <https://marketpublishers.com/r/l33407600349EN.html>

Price: US\$ 2,499.00 (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/l33407600349EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

