

Server Microprocessor Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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Abstracts

The global server microprocessor market reached a value of US\$ 15.84 Billion in 2021. Looking forward, IMARC Group expects the market to reach US\$ 18.14 Billion by 2027, exhibiting at a CAGR of 2.22% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

Server microprocessor is a central processing unit (CPU) that helps in analytical decision-making. It comprises powerful processors that function at a higher frequency and allow the processing of data in memory and other subsystems. It assists in providing a multitasking performance for the virtual environment and overcoming failures in case of shutting down or crashing. It also aids in supporting multiple cores, threads, and processors to maintain the overall performance level. Besides this, as it has a large storage capacity with the ability to insert multiple disks, its demand is rising around the world.

Server Microprocessor Market Trends:

The flourishing information and technology (IT) industry represents one of the key factors strengthening the growth of the market. Apart from this, with the rising awareness about the benefits of cloud-based services, there is a rise in the demand for cloud-based services across the globe, which is contributing to market growth. These benefits include improved security and mobility, higher cost savings, increased collaboration, disaster recovery, loss prevention, automatic software updates, competitive edge, and sustainability. Additionally, there is a considerable increase in user-based online services, such as Facebook, YouTube, and Twitter, which have

resulted in an increasing number of data centers that store personal data in a centralized system and employ servers on a large scale. This, along with the continuous funding on research and development (R&D) activities to address the growing needs of servers and data centers worldwide, is creating a favorable market outlook.

Furthermore, leading market players are extending technology partnerships to launch innovative products. They are also incorporating advanced technologies, including data analytics, machine learning (ML), and artificial intelligence (AI), to improve their designs, which is anticipated to impel the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global server microprocessor market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on design, frequency, enterprise size and end user.

Breakup by Design:

- ARM
- x86
- Others

Breakup by Frequency:

- 1.5GHz-1.99GHz
- 2.0GHz-2.49GHz
- 2.5GHz-2.99GHz
- 3.0GHz and Higher

Breakup by Enterprise Size:

- Small Enterprises
- Medium Enterprises
- Large Enterprises

Breakup by End User:

- Consumer Electronics
- Automotive
- BFSI

Aerospace and Defense
Medical
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 along with the profiles of the key players being Advanced Micro Devices Inc., Baikal Electronics JSC, HiSilicon (Shanghai) Technologies Co. Ltd. (Huawei Technologies Co. Ltd.), Intel Corporation, International Business Machines Corporation, MACOM Technology Solutions, MediaTek Inc., NVIDIA Corporation, Oracle Corporation, Qualcomm Incorporated, Texas Instruments Incorporated and Toshiba Corporation. Key Questions Answered in This Report:

How has the global server microprocessor market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global server microprocessor market?

What are the key regional markets?

What is the breakup of the market based on the design?

What is the breakup of the market based on the frequency?

What is the breakup of the market based on the enterprise size?

What is the breakup of the market based on the end user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global server microprocessor market and who are the key players?

What is the degree of competition in the industry?

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 SERVER MICROPROCESSOR MARKET

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

6 MARKET BREAKUP BY DESIGN

- 6.1 ARM
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 x86
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Others

- 6.3.1 Market Trends
- 6.3.2 Market Forecast

7 MARKET BREAKUP BY FREQUENCY

- 7.1 1.5GHz-1.99GHz
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 2.0GHz-2.49GHz
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 2.5GHz-2.99GHz
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 3.0GHz and Higher
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast

8 MARKET BREAKUP BY ENTERPRISE SIZE

- 8.1 Small Enterprises
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Medium Enterprises
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Large Enterprises
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY END USER

- 9.1 Consumer Electronics
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 Automotive
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 BFSI

- 9.3.1 Market Trends
- 9.3.2 Market Forecast
- 9.4 Aerospace and Defense
 - 9.4.1 Market Trends
 - 9.4.2 Market Forecast
- 9.5 Medical
 - 9.5.1 Market Trends
 - 9.5.2 Market Forecast
- 9.6 Others
 - 9.6.1 Market Trends
 - 9.6.2 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 Advanced Micro Devices Inc.
 - 15.3.1.1 Company Overview
 - 15.3.1.2 Product Portfolio
 - 15.3.1.3 Financials
 - 15.3.1.4 SWOT Analysis
 - 15.3.2 Baikal Electronics JSC
 - 15.3.2.1 Company Overview
 - 15.3.2.2 Product Portfolio
 - 15.3.3 HiSilicon (Shanghai) Technologies Co. Ltd. (Huawei Technologies Co. Ltd.)
 - 15.3.3.1 Company Overview
 - 15.3.3.2 Product Portfolio

- 15.3.4 Intel Corporation
 - 15.3.4.1 Company Overview
 - 15.3.4.2 Product Portfolio
 - 15.3.4.3 Financials
 - 15.3.4.4 SWOT Analysis
- 15.3.5 International Business Machines 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 MACOM Technology Solutions
 - 15.3.6.1 Company Overview
 - 15.3.6.2 Product Portfolio
 - 15.3.6.3 Financials
- 15.3.7 MediaTek Inc.
 - 15.3.7.1 Company Overview
 - 15.3.7.2 Product Portfolio
 - 15.3.7.3 Financials
 - 15.3.7.4 SWOT Analysis
- 15.3.8 NVIDIA 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 Qualcomm Incorporated
 - 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 Texas Instruments Incorporated
 - 15.3.11.1 Company Overview
 - 15.3.11.2 Product Portfolio
 - 15.3.11.3 Financials
 - 15.3.11.4 SWOT Analysis

- 15.3.12 Toshiba Corporation
 - 15.3.12.1 Company Overview
 - 15.3.12.2 Product Portfolio
 - 15.3.12.3 Financials
 - 15.3.12.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Server Microprocessor Market: Key Industry Highlights, 2021 and 2027

Table 2: Global: Server Microprocessor Market Forecast: Breakup by Design (in Million US\$), 2022-2027

Table 3: Global: Server Microprocessor Market Forecast: Breakup by Frequency (in Million US\$), 2022-2027

Table 4: Global: Server Microprocessor Market Forecast: Breakup by Enterprise Size (in Million US\$), 2022-2027

Table 5: Global: Server Microprocessor Market Forecast: Breakup by End User (in Million US\$), 2022-2027

Table 6: Global: Server Microprocessor Market Forecast: Breakup by Region (in Million US\$), 2022-2027

Table 7: Global: Server Microprocessor Market: Competitive Structure

Table 8: Global: Server Microprocessor Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Server Microprocessor Market: Major Drivers and Challenges

Figure 2: Global: Server Microprocessor Market: Sales Value (in Billion US\$), 2016-2021

Figure 3: Global: Server Microprocessor Market Forecast: Sales Value (in Billion US\$), 2022-2027

Figure 4: Global: Server Microprocessor Market: Breakup by Design (in %), 2021

Figure 5: Global: Server Microprocessor Market: Breakup by Frequency (in %), 2021

Figure 6: Global: Server Microprocessor Market: Breakup by Enterprise Size (in %), 2021

Figure 7: Global: Server Microprocessor Market: Breakup by End User (in %), 2021

Figure 8: Global: Server Microprocessor Market: Breakup by Region (in %), 2021

Figure 9: Global: Server Microprocessor (ARM) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 10: Global: Server Microprocessor (ARM) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 11: Global: Server Microprocessor (x86) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 12: Global: Server Microprocessor (x86) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 13: Global: Server Microprocessor (Other Designs) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 14: Global: Server Microprocessor (Other Designs) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 15: Global: Server Microprocessor (1.5GHz-1.99GHz) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 16: Global: Server Microprocessor (1.5GHz-1.99GHz) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 17: Global: Server Microprocessor (2.0GHz-2.49GHz) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 18: Global: Server Microprocessor (2.0GHz-2.49GHz) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 19: Global: Server Microprocessor (2.5GHz-2.99GHz) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 20: Global: Server Microprocessor (2.5GHz-2.99GHz) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 21: Global: Server Microprocessor (3.0GHz and Higher) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 22: Global: Server Microprocessor (3.0GHz and Higher) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 23: Global: Server Microprocessor (Small Enterprises) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 24: Global: Server Microprocessor (Small Enterprises) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 25: Global: Server Microprocessor (Medium Enterprises) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 26: Global: Server Microprocessor (Medium Enterprises) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 27: Global: Server Microprocessor (Large Enterprises) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 28: Global: Server Microprocessor (Large Enterprises) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 29: Global: Server Microprocessor (Consumer Electronics) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 30: Global: Server Microprocessor (Consumer Electronics) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 31: Global: Server Microprocessor (Automotive) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 32: Global: Server Microprocessor (Automotive) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 33: Global: Server Microprocessor (BFSI) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 34: Global: Server Microprocessor (BFSI) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 35: Global: Server Microprocessor (Aerospace and Defense) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 36: Global: Server Microprocessor (Aerospace and Defense) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 37: Global: Server Microprocessor (Medical) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 38: Global: Server Microprocessor (Medical) Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 39: Global: Server Microprocessor (Other End Users) Market: Sales Value (in Million US\$), 2016 & 2021

Figure 40: Global: Server Microprocessor (Other End Users) Market Forecast: Sales

Value (in Million US\$), 2022-2027

Figure 41: North America: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 42: North America: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 43: United States: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 44: United States: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 45: Canada: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 46: Canada: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 47: Asia-Pacific: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 48: Asia-Pacific: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 49: China: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 50: China: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 51: Japan: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 52: Japan: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 53: India: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 54: India: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 55: South Korea: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 56: South Korea: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 57: Australia: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 58: Australia: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 59: Indonesia: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 60: Indonesia: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 61: Others: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 62: Others: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 63: Europe: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 64: Europe: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 65: Germany: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 66: Germany: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 67: France: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 68: France: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 69: United Kingdom: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 70: United Kingdom: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 71: Italy: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 72: Italy: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 73: Spain: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 74: Spain: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 75: Russia: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 76: Russia: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 77: Others: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 78: Others: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 79: Latin America: Server Microprocessor Market: Sales Value (in Million US\$),

2016 & 2021

Figure 80: Latin America: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 81: Brazil: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 82: Brazil: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 83: Mexico: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 84: Mexico: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 85: Others: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 86: Others: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 87: Middle East and Africa: Server Microprocessor Market: Sales Value (in Million US\$), 2016 & 2021

Figure 88: Middle East and Africa: Server Microprocessor Market: Breakup by Country (in %), 2021

Figure 89: Middle East and Africa: Server Microprocessor Market Forecast: Sales Value (in Million US\$), 2022-2027

Figure 90: Global: Server Microprocessor Industry: SWOT Analysis

Figure 91: Global: Server Microprocessor Industry: Value Chain Analysis

Figure 92: Global: Server Microprocessor Industry: Porter's Five Forces Analysis

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