

# Global Data Center Chip Market Research Report 2024, Forecast to 2032

<https://marketpublishers.com/r/GEBED36150C7EN.html>

Date: October 2024

Pages: 129

Price: US\$ 3,200.00 (Single User License)

ID: GEBED36150C7EN

## Abstracts

### Report Overview

A data center is a premise of networked computers and storage that organizations from various fields use to organize, process, store, and disseminate massive amounts of data. A business usually depends heavily on the applications, services, and data contained within a data center, making it the point of focus and a vital asset for day-to-day activities. The data center chip is usually found in the server area within a data center and is one of the vital requirements in the premises.

The global Data Center Chip market size was estimated at USD 15270 million in 2023 and is projected to reach USD 77034.70 million by 2032, exhibiting a CAGR of 19.70% during the forecast period.

North America Data Center Chip market size was estimated at USD 5436.12 million in 2023, at a CAGR of 16.89% during the forecast period of 2024 through 2032.

This report provides a deep insight into the global Data Center Chip market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global Data Center Chip Market, this report introduces in detail the market share,

market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Data Center Chip market in any manner.

### Global Data Center Chip Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

### Key Company

Intel Corporation

GlobalFoundries

Advanced Micro Devices Inc.

Taiwan Semiconductor Manufacturing Co. Ltd.

Samsung Electronics Co. Ltd.

Arm Limited

Broadcom

Xilinx

Inc.

Huawei

Nvidia Corporation

Market Segmentation (by Type)

GPU

ASIC

FPGA

CPU

Others

Market Segmentation (by Application)

Manufacturing

Government

IT & Telecom

Retail

Transportation

Energy & Utilities

Others

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

#### Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study

Neutral perspective on the market performance

Recent industry trends and developments

Competitive landscape & strategies of key players

Potential & niche segments and regions exhibiting promising growth covered

Historical, current, and projected market size, in terms of value

In-depth analysis of the Data Center Chip Market

Overview of the regional outlook of the Data Center Chip Market:

#### Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

## Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an 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 Data Center Chip Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the 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 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to 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 8 provides a quantitative analysis of the market size and development potential of each region from the consumer side and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Data Center Chip, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region during the forecast period.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment during the forecast period.

Chapter 13 is the main points and conclusions of the report.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Data Center Chip
- 1.2 Key Market Segments
  - 1.2.1 Data Center Chip Segment by Type
  - 1.2.2 Data Center Chip Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 DATA CENTER CHIP MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Data Center Chip Market Size (M USD) Estimates and Forecasts (2019-2032)
  - 2.1.2 Global Data Center Chip Sales Estimates and Forecasts (2019-2032)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 DATA CENTER CHIP MARKET COMPETITIVE LANDSCAPE**

- 3.1 Global Data Center Chip Sales by Manufacturers (2019-2024)
- 3.2 Global Data Center Chip Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Data Center Chip Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Data Center Chip Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Data Center Chip Sales Sites, Area Served, Product Type
- 3.6 Data Center Chip Market Competitive Situation and Trends
  - 3.6.1 Data Center Chip Market Concentration Rate
  - 3.6.2 Global 5 and 10 Largest Data Center Chip Players Market Share by Revenue
  - 3.6.3 Mergers & Acquisitions, Expansion

### **4 DATA CENTER CHIP INDUSTRY CHAIN ANALYSIS**

- 4.1 Data Center Chip Industry Chain Analysis



4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF DATA CENTER CHIP MARKET**

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Market Restraints

5.5 Industry News

5.5.1 New Product Developments

5.5.2 Mergers & Acquisitions

5.5.3 Expansions

5.5.4 Collaboration/Supply Contracts

5.6 Industry Policies

## **6 DATA CENTER CHIP MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Data Center Chip Sales Market Share by Type (2019-2024)

6.3 Global Data Center Chip Market Size Market Share by Type (2019-2024)

6.4 Global Data Center Chip Price by Type (2019-2024)

## **7 DATA CENTER CHIP MARKET SEGMENTATION BY APPLICATION**

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Data Center Chip Market Sales by Application (2019-2024)

7.3 Global Data Center Chip Market Size (M USD) by Application (2019-2024)

7.4 Global Data Center Chip Sales Growth Rate by Application (2019-2024)

## **8 DATA CENTER CHIP MARKET CONSUMPTION BY REGION**

8.1 Global Data Center Chip Sales by Region

8.1.1 Global Data Center Chip Sales by Region

8.1.2 Global Data Center Chip Sales Market Share by Region

8.2 North America

8.2.1 North America Data Center Chip Sales by Country

8.2.2 U.S.

8.2.3 Canada

8.2.4 Mexico

8.3 Europe

8.3.1 Europe Data Center Chip Sales by Country

8.3.2 Germany

8.3.3 France

8.3.4 U.K.

8.3.5 Italy

8.3.6 Russia

8.4 Asia Pacific

8.4.1 Asia Pacific Data Center Chip Sales by Region

8.4.2 China

8.4.3 Japan

8.4.4 South Korea

8.4.5 India

8.4.6 Southeast Asia

8.5 South America

8.5.1 South America Data Center Chip Sales by Country

8.5.2 Brazil

8.5.3 Argentina

8.5.4 Columbia

8.6 Middle East and Africa

8.6.1 Middle East and Africa Data Center Chip Sales by Region

8.6.2 Saudi Arabia

8.6.3 UAE

8.6.4 Egypt

8.6.5 Nigeria

8.6.6 South Africa

## **9 DATA CENTER CHIP MARKET PRODUCTION BY REGION**

9.1 Global Production of Data Center Chip by Region (2019-2024)

9.2 Global Data Center Chip Revenue Market Share by Region (2019-2024)

9.3 Global Data Center Chip Production, Revenue, Price and Gross Margin (2019-2024)

9.4 North America Data Center Chip Production

9.4.1 North America Data Center Chip Production Growth Rate (2019-2024)

9.4.2 North America Data Center Chip Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe Data Center Chip Production

- 9.5.1 Europe Data Center Chip Production Growth Rate (2019-2024)
- 9.5.2 Europe Data Center Chip Production, Revenue, Price and Gross Margin (2019-2024)
- 9.6 Japan Data Center Chip Production (2019-2024)
  - 9.6.1 Japan Data Center Chip Production Growth Rate (2019-2024)
  - 9.6.2 Japan Data Center Chip Production, Revenue, Price and Gross Margin (2019-2024)
- 9.7 China Data Center Chip Production (2019-2024)
  - 9.7.1 China Data Center Chip Production Growth Rate (2019-2024)
  - 9.7.2 China Data Center Chip Production, Revenue, Price and Gross Margin (2019-2024)

## **10 KEY COMPANIES PROFILE**

- 10.1 Intel Corporation
  - 10.1.1 Intel Corporation Data Center Chip Basic Information
  - 10.1.2 Intel Corporation Data Center Chip Product Overview
  - 10.1.3 Intel Corporation Data Center Chip Product Market Performance
  - 10.1.4 Intel Corporation Business Overview
  - 10.1.5 Intel Corporation Data Center Chip SWOT Analysis
  - 10.1.6 Intel Corporation Recent Developments
- 10.2 GlobalFoundries
  - 10.2.1 GlobalFoundries Data Center Chip Basic Information
  - 10.2.2 GlobalFoundries Data Center Chip Product Overview
  - 10.2.3 GlobalFoundries Data Center Chip Product Market Performance
  - 10.2.4 GlobalFoundries Business Overview
  - 10.2.5 GlobalFoundries Data Center Chip SWOT Analysis
  - 10.2.6 GlobalFoundries Recent Developments
- 10.3 Advanced Micro Devices Inc.
  - 10.3.1 Advanced Micro Devices Inc. Data Center Chip Basic Information
  - 10.3.2 Advanced Micro Devices Inc. Data Center Chip Product Overview
  - 10.3.3 Advanced Micro Devices Inc. Data Center Chip Product Market Performance
  - 10.3.4 Advanced Micro Devices Inc. Data Center Chip SWOT Analysis
  - 10.3.5 Advanced Micro Devices Inc. Business Overview
  - 10.3.6 Advanced Micro Devices Inc. Recent Developments
- 10.4 Taiwan Semiconductor Manufacturing Co. Ltd.
  - 10.4.1 Taiwan Semiconductor Manufacturing Co. Ltd. Data Center Chip Basic Information
  - 10.4.2 Taiwan Semiconductor Manufacturing Co. Ltd. Data Center Chip Product

## Overview

10.4.3 Taiwan Semiconductor Manufacturing Co. Ltd. Data Center Chip Product

## Market Performance

10.4.4 Taiwan Semiconductor Manufacturing Co. Ltd. Business Overview

10.4.5 Taiwan Semiconductor Manufacturing Co. Ltd. Recent Developments

## 10.5 Samsung Electronics Co. Ltd.

10.5.1 Samsung Electronics Co. Ltd. Data Center Chip Basic Information

10.5.2 Samsung Electronics Co. Ltd. Data Center Chip Product Overview

10.5.3 Samsung Electronics Co. Ltd. Data Center Chip Product Market Performance

10.5.4 Samsung Electronics Co. Ltd. Business Overview

10.5.5 Samsung Electronics Co. Ltd. Recent Developments

## 10.6 Arm Limited

10.6.1 Arm Limited Data Center Chip Basic Information

10.6.2 Arm Limited Data Center Chip Product Overview

10.6.3 Arm Limited Data Center Chip Product Market Performance

10.6.4 Arm Limited Business Overview

10.6.5 Arm Limited Recent Developments

## 10.7 Broadcom

10.7.1 Broadcom Data Center Chip Basic Information

10.7.2 Broadcom Data Center Chip Product Overview

10.7.3 Broadcom Data Center Chip Product Market Performance

10.7.4 Broadcom Business Overview

10.7.5 Broadcom Recent Developments

## 10.8 Xilinx

10.8.1 Xilinx Data Center Chip Basic Information

10.8.2 Xilinx Data Center Chip Product Overview

10.8.3 Xilinx Data Center Chip Product Market Performance

10.8.4 Xilinx Business Overview

10.8.5 Xilinx Recent Developments

## 10.9 Inc.

10.9.1 Inc. Data Center Chip Basic Information

10.9.2 Inc. Data Center Chip Product Overview

10.9.3 Inc. Data Center Chip Product Market Performance

10.9.4 Inc. Business Overview

10.9.5 Inc. Recent Developments

## 10.10 Huawei

10.10.1 Huawei Data Center Chip Basic Information

10.10.2 Huawei Data Center Chip Product Overview

10.10.3 Huawei Data Center Chip Product Market Performance

- 10.10.4 Huawei Business Overview
- 10.10.5 Huawei Recent Developments
- 10.11 Nvidia Corporation
  - 10.11.1 Nvidia Corporation Data Center Chip Basic Information
  - 10.11.2 Nvidia Corporation Data Center Chip Product Overview
  - 10.11.3 Nvidia Corporation Data Center Chip Product Market Performance
  - 10.11.4 Nvidia Corporation Business Overview
  - 10.11.5 Nvidia Corporation Recent Developments

## **11 DATA CENTER CHIP MARKET FORECAST BY REGION**

- 11.1 Global Data Center Chip Market Size Forecast
- 11.2 Global Data Center Chip Market Forecast by Region
  - 11.2.1 North America Market Size Forecast by Country
  - 11.2.2 Europe Data Center Chip Market Size Forecast by Country
  - 11.2.3 Asia Pacific Data Center Chip Market Size Forecast by Region
  - 11.2.4 South America Data Center Chip Market Size Forecast by Country
  - 11.2.5 Middle East and Africa Forecasted Consumption of Data Center Chip by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)**

- 12.1 Global Data Center Chip Market Forecast by Type (2025-2032)
  - 12.1.1 Global Forecasted Sales of Data Center Chip by Type (2025-2032)
  - 12.1.2 Global Data Center Chip Market Size Forecast by Type (2025-2032)
  - 12.1.3 Global Forecasted Price of Data Center Chip by Type (2025-2032)
- 12.2 Global Data Center Chip Market Forecast by Application (2025-2032)
  - 12.2.1 Global Data Center Chip Sales (K Units) Forecast by Application
  - 12.2.2 Global Data Center Chip Market Size (M USD) Forecast by Application (2025-2032)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

|                                                                                                            |
|------------------------------------------------------------------------------------------------------------|
| Table 1. Introduction of the Type                                                                          |
| Table 2. Introduction of the Application                                                                   |
| Table 3. Market Size (M USD) Segment Executive Summary                                                     |
| Table 4. Data Center Chip Market Size Comparison by Region (M USD)                                         |
| Table 5. Global Data Center Chip Sales (K Units) by Manufacturers (2019-2024)                              |
| Table 6. Global Data Center Chip Sales Market Share by Manufacturers (2019-2024)                           |
| Table 7. Global Data Center Chip Revenue (M USD) by Manufacturers (2019-2024)                              |
| Table 8. Global Data Center Chip Revenue Share by Manufacturers (2019-2024)                                |
| Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Data Center Chip as of 2022) |
| Table 10. Global Market Data Center Chip Average Price (USD/Unit) of Key Manufacturers (2019-2024)         |
| Table 11. Manufacturers Data Center Chip Sales Sites and Area Served                                       |
| Table 12. Manufacturers Data Center Chip Product Type                                                      |
| Table 13. Global Data Center Chip Manufacturers Market Concentration Ratio (CR5 and HHI)                   |
| Table 14. Mergers & Acquisitions, Expansion Plans                                                          |
| Table 15. Industry Chain Map of Data Center Chip                                                           |
| Table 16. Market Overview of Key Raw Materials                                                             |
| Table 17. Midstream Market Analysis                                                                        |
| Table 18. Downstream Customer Analysis                                                                     |
| Table 19. Key Development Trends                                                                           |
| Table 20. Driving Factors                                                                                  |
| Table 21. Data Center Chip Market Challenges                                                               |
| Table 22. Global Data Center Chip Sales by Type (K Units)                                                  |
| Table 23. Global Data Center Chip Market Size by Type (M USD)                                              |
| Table 24. Global Data Center Chip Sales (K Units) by Type (2019-2024)                                      |
| Table 25. Global Data Center Chip Sales Market Share by Type (2019-2024)                                   |
| Table 26. Global Data Center Chip Market Size (M USD) by Type (2019-2024)                                  |
| Table 27. Global Data Center Chip Market Size Share by Type (2019-2024)                                    |
| Table 28. Global Data Center Chip Price (USD/Unit) by Type (2019-2024)                                     |
| Table 29. Global Data Center Chip Sales (K Units) by Application                                           |
| Table 30. Global Data Center Chip Market Size by Application                                               |
| Table 31. Global Data Center Chip Sales by Application (2019-2024) & (K Units)                             |
| Table 32. Global Data Center Chip Sales Market Share by Application (2019-2024)                            |



|                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------|
| Table 33. Global Data Center Chip Sales by Application (2019-2024) & (M USD)                                                         |
| Table 34. Global Data Center Chip Market Share by Application (2019-2024)                                                            |
| Table 35. Global Data Center Chip Sales Growth Rate by Application (2019-2024)                                                       |
| Table 36. Global Data Center Chip Sales by Region (2019-2024) & (K Units)                                                            |
| Table 37. Global Data Center Chip Sales Market Share by Region (2019-2024)                                                           |
| Table 38. North America Data Center Chip Sales by Country (2019-2024) & (K Units)                                                    |
| Table 39. Europe Data Center Chip Sales by Country (2019-2024) & (K Units)                                                           |
| Table 40. Asia Pacific Data Center Chip Sales by Region (2019-2024) & (K Units)                                                      |
| Table 41. South America Data Center Chip Sales by Country (2019-2024) & (K Units)                                                    |
| Table 42. Middle East and Africa Data Center Chip Sales by Region (2019-2024) & (K Units)                                            |
| Table 43. Global Data Center Chip Production (K Units) by Region (2019-2024)                                                         |
| Table 44. Global Data Center Chip Revenue (US\$ Million) by Region (2019-2024)                                                       |
| Table 45. Global Data Center Chip Revenue Market Share by Region (2019-2024)                                                         |
| Table 46. Global Data Center Chip Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)        |
| Table 47. North America Data Center Chip Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024) |
| Table 48. Europe Data Center Chip Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)        |
| Table 49. Japan Data Center Chip Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)         |
| Table 50. China Data Center Chip Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)         |
| Table 51. Intel Corporation Data Center Chip Basic Information                                                                       |
| Table 52. Intel Corporation Data Center Chip Product Overview                                                                        |
| Table 53. Intel Corporation Data Center Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)         |
| Table 54. Intel Corporation Business Overview                                                                                        |
| Table 55. Intel Corporation Data Center Chip SWOT Analysis                                                                           |
| Table 56. Intel Corporation Recent Developments                                                                                      |
| Table 57. GlobalFoundries Data Center Chip Basic Information                                                                         |
| Table 58. GlobalFoundries Data Center Chip Product Overview                                                                          |
| Table 59. GlobalFoundries Data Center Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)           |
| Table 60. GlobalFoundries Business Overview                                                                                          |
| Table 61. GlobalFoundries Data Center Chip SWOT Analysis                                                                             |
| Table 62. GlobalFoundries Recent Developments                                                                                        |
| Table 63. Advanced Micro Devices Inc. Data Center Chip Basic Information                                                             |

|                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Table 64. Advanced Micro Devices Inc. Data Center Chip Product Overview                                                                                |
| Table 65. Advanced Micro Devices Inc. Data Center Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)                 |
| Table 66. Advanced Micro Devices Inc. Data Center Chip SWOT Analysis                                                                                   |
| Table 67. Advanced Micro Devices Inc. Business Overview                                                                                                |
| Table 68. Advanced Micro Devices Inc. Recent Developments                                                                                              |
| Table 69. Taiwan Semiconductor Manufacturing Co. Ltd. Data Center Chip Basic Information                                                               |
| Table 70. Taiwan Semiconductor Manufacturing Co. Ltd. Data Center Chip Product Overview                                                                |
| Table 71. Taiwan Semiconductor Manufacturing Co. Ltd. Data Center Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024) |
| Table 72. Taiwan Semiconductor Manufacturing Co. Ltd. Business Overview                                                                                |
| Table 73. Taiwan Semiconductor Manufacturing Co. Ltd. Recent Developments                                                                              |
| Table 74. Samsung Electronics Co. Ltd. Data Center Chip Basic Information                                                                              |
| Table 75. Samsung Electronics Co. Ltd. Data Center Chip Product Overview                                                                               |
| Table 76. Samsung Electronics Co. Ltd. Data Center Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)                |
| Table 77. Samsung Electronics Co. Ltd. Business Overview                                                                                               |
| Table 78. Samsung Electronics Co. Ltd. Recent Developments                                                                                             |
| Table 79. Arm Limited Data Center Chip Basic Information                                                                                               |
| Table 80. Arm Limited Data Center Chip Product Overview                                                                                                |
| Table 81. Arm Limited Data Center Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)                                 |
| Table 82. Arm Limited Business Overview                                                                                                                |
| Table 83. Arm Limited Recent Developments                                                                                                              |
| Table 84. Broadcom Data Center Chip Basic Information                                                                                                  |
| Table 85. Broadcom Data Center Chip Product Overview                                                                                                   |
| Table 86. Broadcom Data Center Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)                                    |
| Table 87. Broadcom Business Overview                                                                                                                   |
| Table 88. Broadcom Recent Developments                                                                                                                 |
| Table 89. Xilinx Data Center Chip Basic Information                                                                                                    |
| Table 90. Xilinx Data Center Chip Product Overview                                                                                                     |
| Table 91. Xilinx Data Center Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)                                      |
| Table 92. Xilinx Business Overview                                                                                                                     |
| Table 93. Xilinx Recent Developments                                                                                                                   |
| Table 94. Inc. Data Center Chip Basic Information                                                                                                      |



Table 95. Inc. Data Center Chip Product Overview

Table 96. Inc. Data Center Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 97. Inc. Business Overview

Table 98. Inc. Recent Developments

Table 99. Huawei Data Center Chip Basic Information

Table 100. Huawei Data Center Chip Product Overview

Table 101. Huawei Data Center Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 102. Huawei Business Overview

Table 103. Huawei Recent Developments

Table 104. Nvidia Corporation Data Center Chip Basic Information

Table 105. Nvidia Corporation Data Center Chip Product Overview

Table 106. Nvidia Corporation Data Center Chip Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 107. Nvidia Corporation Business Overview

Table 108. Nvidia Corporation Recent Developments

Table 109. Global Data Center Chip Sales Forecast by Region (2025-2032) & (K Units)

Table 110. Global Data Center Chip Market Size Forecast by Region (2025-2032) & (M USD)

Table 111. North America Data Center Chip Sales Forecast by Country (2025-2032) & (K Units)

Table 112. North America Data Center Chip Market Size Forecast by Country (2025-2032) & (M USD)

Table 113. Europe Data Center Chip Sales Forecast by Country (2025-2032) & (K Units)

Table 114. Europe Data Center Chip Market Size Forecast by Country (2025-2032) & (M USD)

Table 115. Asia Pacific Data Center Chip Sales Forecast by Region (2025-2032) & (K Units)

Table 116. Asia Pacific Data Center Chip Market Size Forecast by Region (2025-2032) & (M USD)

Table 117. South America Data Center Chip Sales Forecast by Country (2025-2032) & (K Units)

Table 118. South America Data Center Chip Market Size Forecast by Country (2025-2032) & (M USD)

Table 119. Middle East and Africa Data Center Chip Consumption Forecast by Country (2025-2032) & (Units)

Table 120. Middle East and Africa Data Center Chip Market Size Forecast by Country

(2025-2032) & (M USD)

Table 121. Global Data Center Chip Sales Forecast by Type (2025-2032) & (K Units)

Table 122. Global Data Center Chip Market Size Forecast by Type (2025-2032) & (M USD)

Table 123. Global Data Center Chip Price Forecast by Type (2025-2032) & (USD/Unit)

Table 124. Global Data Center Chip Sales (K Units) Forecast by Application (2025-2032)

Table 125. Global Data Center Chip Market Size Forecast by Application (2025-2032) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Data Center Chip
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Data Center Chip Market Size (M USD), 2019-2032
- Figure 5. Global Data Center Chip Market Size (M USD) (2019-2032)
- Figure 6. Global Data Center Chip Sales (K Units) & (2019-2032)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Data Center Chip Market Size by Country (M USD)
- Figure 11. Data Center Chip Sales Share by Manufacturers in 2023
- Figure 12. Global Data Center Chip Revenue Share by Manufacturers in 2023
- Figure 13. Data Center Chip Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Data Center Chip Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Data Center Chip Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Data Center Chip Market Share by Type
- Figure 18. Sales Market Share of Data Center Chip by Type (2019-2024)
- Figure 19. Sales Market Share of Data Center Chip by Type in 2023
- Figure 20. Market Size Share of Data Center Chip by Type (2019-2024)
- Figure 21. Market Size Market Share of Data Center Chip by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Data Center Chip Market Share by Application
- Figure 24. Global Data Center Chip Sales Market Share by Application (2019-2024)
- Figure 25. Global Data Center Chip Sales Market Share by Application in 2023
- Figure 26. Global Data Center Chip Market Share by Application (2019-2024)
- Figure 27. Global Data Center Chip Market Share by Application in 2023
- Figure 28. Global Data Center Chip Sales Growth Rate by Application (2019-2024)
- Figure 29. Global Data Center Chip Sales Market Share by Region (2019-2024)
- Figure 30. North America Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 31. North America Data Center Chip Sales Market Share by Country in 2023

- Figure 32. U.S. Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 33. Canada Data Center Chip Sales (K Units) and Growth Rate (2019-2024)
- Figure 34. Mexico Data Center Chip Sales (Units) and Growth Rate (2019-2024)
- Figure 35. Europe Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 36. Europe Data Center Chip Sales Market Share by Country in 2023
- Figure 37. Germany Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 38. France Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 39. U.K. Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 40. Italy Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 41. Russia Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 42. Asia Pacific Data Center Chip Sales and Growth Rate (K Units)
- Figure 43. Asia Pacific Data Center Chip Sales Market Share by Region in 2023
- Figure 44. China Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 45. Japan Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 46. South Korea Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 47. India Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 48. Southeast Asia Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 49. South America Data Center Chip Sales and Growth Rate (K Units)
- Figure 50. South America Data Center Chip Sales Market Share by Country in 2023
- Figure 51. Brazil Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 52. Argentina Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 53. Columbia Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 54. Middle East and Africa Data Center Chip Sales and Growth Rate (K Units)
- Figure 55. Middle East and Africa Data Center Chip Sales Market Share by Region in 2023
- Figure 56. Saudi Arabia Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 57. UAE Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 58. Egypt Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 59. Nigeria Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 60. South Africa Data Center Chip Sales and Growth Rate (2019-2024) & (K Units)
- Figure 61. Global Data Center Chip Production Market Share by Region (2019-2024)
- Figure 62. North America Data Center Chip Production (K Units) Growth Rate (2019-2024)
- Figure 63. Europe Data Center Chip Production (K Units) Growth Rate (2019-2024)
- Figure 64. Japan Data Center Chip Production (K Units) Growth Rate (2019-2024)

Figure 65. China Data Center Chip Production (K Units) Growth Rate (2019-2024)

Figure 66. Global Data Center Chip Sales Forecast by Volume (2019-2032) & (K Units)

Figure 67. Global Data Center Chip Market Size Forecast by Value (2019-2032) & (M USD)

Figure 68. Global Data Center Chip Sales Market Share Forecast by Type (2025-2032)

Figure 69. Global Data Center Chip Market Share Forecast by Type (2025-2032)

Figure 70. Global Data Center Chip Sales Forecast by Application (2025-2032)

Figure 71. Global Data Center Chip Market Share Forecast by Application (2025-2032)

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