

Data Center Chip - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Data Center Chip Market is accounted for \$7,718.90 million in 2017 and is expected to reach \$20,726.84 million by 2026 growing at a CAGR of 11.6%. Some of the factors driving the market growth are cloud computing and advancements in chip technology. However, high data center operations delay market expansion. Furthermore, the increase in smart computing devices is expected to present massive opportunities for the market in the coming years.

A data center is a premise of networked computers and storage that organizations from various fields use to systematize, process, store, and distribute massive amounts of data. The data center chip is normally found in the server area within a data center and is one of the fundamental requirements in the location.

Based on the chip type, the graphics processing unit (GPU) segment is to maintain the leading position in the data center chip market. This is due to its growth in similar processing ability and adds to its acceptance in applications such as artificial intelligence for large scale data computations. By geography, North America region accounts nearly two-fifths of the total market share and is expected to remain dominant during the forecast period. This is due to the increase in technological advancements, innovations, and investments in data centers.

Some of the key players in the Data Center Chip market include Broadcom, Microsoft, Qualcomm, Huawei Technologies Co. Ltd., Nvidia Corporation, Intel Corporation, Samsung Electronics Co. Ltd., Advanced Micro Devices, Inc., Taiwan Semiconductor Manufacturing Co. Ltd., Arm Limited (SoftBank Group Corp.), Xilinx, Inc., and Global Foundries.

Data Center Sizes Covered:

Large Size

Small & Medium Size

Chip Types Covered:

Australian Securities and Investments Commission (ASIC)

Central Processing Unit (CPU)

Field-Programmable Gate Array (FPGA)

Graphics Processing Unit (GPU)

Other Chip Types

End Users Covered:

Manufacturing

IT & Telecom

Transportation

Government

Energy & Utilities

Retail

Banking, Financial Services and Insurance (BFSI)

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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