

Data Center Chip Market by Chip Type (GPU, ASIC, FPGA, CPU, and Others), Data Center Size (Small & Medium Size and Large Size) and Industry Vertical (BFSI, Manufacturing, Government, IT & Telecom, Retail, Transportation, Energy & Utilities, and Others): Global Opportunity Analysis and Industry Forecast, 2018 - 2025

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Abstracts

Data Center Chip Market Overview:

The global data center chip market was valued at \$7,718.9 million in 2017, and is projected to reach \$15,641.1 million by 2025, registering a CAGR of 9.4% from 2018 to 2025.

A data center is a premise of networked computers and storage that organizations from various fields use to organize, process, store, and disseminate massive amount 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 one of the required components in the premises that is usually found in the server area within a data center.

The companies operating in the market have adopted strategies such as collaboration, partnership, product launch, expansion, and acquisition to increase their market share and expand their geographical presence. The global data center chip market is analyzed and estimated in accordance with the impact of the drivers, restraints, and opportunities. The period studied in this report is 2017-2025, wherein the forecast period is 2018-2025

The report includes the study of the global data center chip market with respect to the growth prospects and restraints based on the regional analysis. The study includes Porter's five forces analysis of the industry to determine the impact of suppliers, competitors, new entrants, substitutes, and buyers on the market growth.

The data center chip market is segmented based on chip type, data center size, industry vertical, and region. Based on chip type, the market is divided into GPU, ASIC, FPGA, CPU and others. Based on data center size, the market is categorized into small & medium size and large size. Based on industry vertical, the market is classified into BFSI, manufacturing, government, IT & telecom, retail, transportation, energy & utilities and others. Based on region, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA, along with their prominent countries.

The key players profiled in the report include Intel Corporation, GlobalFoundries, Advanced Micro Devices Inc., Taiwan Semiconductor Manufacturing Co. Ltd., Samsung Electronics Co. Ltd., Arm Limited (SoftBank Group Corp.), Broadcom, Xilinx, Inc., Huawei Technologies Co. Ltd. and Nvidia Corporation. These key players have adopted strategies such as product portfolio expansion, mergers & acquisitions, agreements, geographical expansion, and collaborations to increase their data center chip market share.

Key Benefits for Data Center Chip Market:

This study comprises an analytical depiction of the global data center chip market with the current trends and future estimations to depict the imminent investment pockets.

The overall market potential is determined to understand the profitable trends to gain a strong foothold in the market.

The report presents information related to key drivers, restraints, and opportunities with a detailed impact analysis.

The current market is quantitatively analyzed from 2017 to 2025 to highlight the financial competency of the market.

Porter's five forces analysis illustrates the potency of the buyers and suppliers.

Data Center Chip Key Market Segments:

By Chip Type

GPU

ASIC

FPGA

CPU

Others

By Data Center Size

Small & Medium Size

Large Size

By Industry Vertical

BFSI

Manufacturing

Government

IT & Telecom

Retail

Transportation

Energy & Utilities

Others

By Region

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Russia

Rest of Europe

Asia-Pacific

China

India

Japan

Australia

Rest of Asia-Pacific

LAMEA

Latin America

Middle East

Africa

Key Market Players Profiled

Intel Corporation

GlobalFoundries

Advanced Micro Devices, Inc.

Taiwan Semiconductor Manufacturing Co. Ltd.

Samsung Electronics Co. Ltd.

Arm Limited (SoftBank Group Corp.)

Broadcom

Xilinx, Inc.

Huawei Technologies Co. Ltd.

Nvidia Corporation

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