

Global Computer and Peripherals Standard Logic IC Market Size study & Forecast, by Type (TTL IC (Transistor-transistor Logic), CMOS Logic IC (Complementary Metal Oxide Semiconductor), BiCMOS Logic IC (Bipolar CMOS)), by Application (Servers, Storage Networks, Network Switches, Routers, Wireless Base Stations, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Computer and Peripherals Standard Logic IC Market is valued at approximately USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2029. Computer and Peripherals Standard Logic IC is a small, integrated, and single integrated package-carrying basic components with common functionalities for a logic circuit. The Computer and Peripherals Standard Logic IC market is expanding because of factors such as the rising digitalization across various industries and increasing demand for advanced computer peripherals.

According to Statista in 2022, global spending toward digital transformation is estimated to reach around USD 1.8 trillion. And also, digital transformation spending is anticipated to reach around USD 2.8 trillion by 2025. Whereas technological advancement toward communication technologies and growing investment by end-user industries create lucrative opportunities for the market. However, the Constant Evolution of Products Influencing Demand hampers the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Computer and Peripherals Standard Logic IC Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. Asia Pacific dominated the market in terms of revenue, owing to the increasing spending on computer production, growing government regulations towards digitalization, and rising adoption of advanced technologies. Whereas the Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as increasing R&D activities by market players, rising consumer spending on electronics, and rising government regulations toward environmental protection

Major market players included in this report are:

Diodes Incorporated

NXP Semiconductors NV

Texas Instruments Inc.

Microchip Technology Inc.

ROHM Co., Ltd.

Toshiba Electronic Devices and Storage Corporation

STMicroelectronics NV

onsemi

Taiwan Semiconductor Co., Ltd.

Skywork Solutions Inc.

Recent Developments in the Market:

In October 2021, TSMC intends to build the USD 7 billion plant in Kumamoto Prefecture, western Japan, in collaboration with Sony Group and other partners. The two parties established a collaborative framework for developing semiconductors for artificial intelligence. Despite offers from other countries, the Taiwanese contract manufacturer chose Japan due to its ongoing partnership with the country. Japan also strengthened its relationship with TSMC because the country possesses advanced logic semiconductor production technology. Chip advancement and R&D in peripheral industries are inextricably linked to production technology.

In May 2021, Samsung Electronics, a leading provider of advanced semiconductor technology, announced that it would increase its investments in the System LSI and Foundry businesses by KRW 171 trillion through 2030 in order to accelerate research into advanced semiconductor process technology and the construction of a new production facility. The plan represents a KRW 38 trillion increase from the previous commitment of KRW 133 trillion announced in April 2019. It is expected to assist the Company in becoming a major player in the logic chips sector by 2030.

Global Computer and Peripherals Standard Logic IC Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

TTL IC (Transistor-transistor Logic)

CMOS Logic IC (Complementary Metal Oxide Semiconductor)

BiCMOS Logic IC (Bipolar CMOS)

By Application:

Servers

Storage Networks

Network Switches

Routers

Wireless Base Stations

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany
France
Spain
Italy
ROE
Asia Pacific
China
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Rest of the World

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