

# Global PCIe 4.0 Switch Market Growth 2024-2030

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# **Abstracts**

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A PCIe 4.0 Switch is a high-performance semiconductor device that enables the management and routing of data between PCI Express (PCIe) 4.0 devices. Offering double the data transfer rate of its PCIe 3.0 predecessor, this switch is essential in systems requiring ultra-fast data processing, such as in advanced computing, data centers, and AI applications. The PCIe 4.0 Switch supports increased bandwidth and enhanced scalability, making it ideal for connecting multiple high-speed components like GPUs, NVMe SSDs, and network interfaces.

The global PCIe 4.0 Switch market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "PCIe 4.0 Switch Industry Forecast" looks at past sales and reviews total world PCIe 4.0 Switch sales in 2023, providing a comprehensive analysis by region and market sector of projected PCIe 4.0 Switch sales for 2024 through 2030. With PCIe 4.0 Switch sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world PCIe 4.0 Switch industry.

This Insight Report provides a comprehensive analysis of the global PCIe 4.0 Switch landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on PCIe 4.0 Switch portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global PCIe 4.0 Switch market.



This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for PCIe 4.0 Switch and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global PCIe 4.0 Switch.

United States market for PCIe 4.0 Switch is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for PCIe 4.0 Switch is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for PCIe 4.0 Switch is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key PCIe 4.0 Switch players cover Broadcom, Microchip, Texas Instruments, ASMedia Technology, Diodes, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of PCIe 4.0 Switch market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Enterprise-Level

**Consumer-Level** 

Segmentation by Application:

Server

SSD



Automotive Electronics

Others

This report also splits the market by region:

#### Americas

United States

Canada

### Mexico

Brazil

APAC

China

Japan

#### Korea

Southeast Asia

India

#### Australia

## Europe

Germany

France

UK



Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Broadcom Microchip Texas Instruments ASMedia Technology Diodes ON Semiconductor Renesas NXP Semicondutors

Key Questions Addressed in this Report



What is the 10-year outlook for the global PCIe 4.0 Switch market? What factors are driving PCIe 4.0 Switch market growth, globally and by region? Which technologies are poised for the fastest growth by market and region? How do PCIe 4.0 Switch market opportunities vary by end market size? How does PCIe 4.0 Switch break out by Type, by Application?



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