

Global Peripheral Component Interconnect Express Market Growth 2025-2031

<https://marketpublishers.com/r/G9077818FB1EN.html>

Date: November 2025

Pages: 105

Price: US\$ 3,660.00 (Single User License)

ID: G9077818FB1EN

Abstracts

The global Peripheral Component Interconnect Express market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Peripheral Component Interconnect Express (PCI-e), is a high-speed serial computer expansion bus standard, designed to replace the older PCI, PCI-X and AGP bus standards. It is the common motherboard interface for personal computers' graphics cards, hard drives, SSDs, Wi-Fi and Ethernet hardware connections. PCIe (peripheral component interconnect express) is an interface standard for connecting high-speed components.

United States market for Peripheral Component Interconnect Express is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Peripheral Component Interconnect Express is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Peripheral Component Interconnect Express is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Peripheral Component Interconnect Express players cover Intel Corporation, Texas Instrument, Microchip Technology, Samsung Electronics, Nvidia, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “Peripheral Component Interconnect Express Industry Forecast” looks at past sales and reviews total world Peripheral Component Interconnect Express sales in 2024, providing a comprehensive analysis by region and market sector of projected Peripheral Component Interconnect Express sales for 2025 through 2031. With Peripheral Component Interconnect Express sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Peripheral Component Interconnect Express industry.

This Insight Report provides a comprehensive analysis of the global Peripheral Component Interconnect Express 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 Peripheral Component Interconnect Express portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Peripheral Component Interconnect Express market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Peripheral Component Interconnect Express 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 Peripheral Component Interconnect Express.

This report presents a comprehensive overview, market shares, and growth opportunities of Peripheral Component Interconnect Express market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Gen1

Gen2

Gen3

Segmentation by Application:

Telecom

Infrastructure

Residential

Industrial

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.

Intel Corporation

Texas Instrument

Microchip Technology

Samsung Electronics

Nvidia

NXP Semiconductors

Semtech

Renesas Electronics Corporation

Key Questions Addressed in this Report

What is the 10-year outlook for the global Peripheral Component Interconnect Express market?

What factors are driving Peripheral Component Interconnect Express market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Peripheral Component Interconnect Express market opportunities vary by end market size?

How does Peripheral Component Interconnect Express break out by Type, by Application?

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