

# Global Peripheral Modules Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Peripheral Modules market size was valued at US\$ 37022 million in 2025 and is forecast to a readjusted size of US\$ 58156 million by 2032 with a CAGR of 6.6% during review period.

In 2025, global Peripheral Module output reached about 12 billion units and global capacity of around 15 billion units. The average price is about USD 3 per unit, with gross margins near 32%. Peripheral Modules are hardware expansion or interface units designed to extend the functionality of electronic systems, computers, embedded platforms, industrial controllers, communication equipment, and semiconductor devices by providing additional input/output, connectivity, sensing, storage, control, or processing capabilities. These modules typically include interfaces such as USB, PCIe, UART, SPI, I<sup>2</sup>C, CAN, Ethernet, wireless communication, GPIO, analog/digital conversion, display control, motor drive, or sensor integration, and are widely used in industrial automation, consumer electronics, automotive electronics, telecommunications, data centers, medical devices, robotics, and IoT systems. The supply chain of Peripheral Modules begins upstream with semiconductor materials, ICs, microcontrollers, processors, memory chips, PCBs, connectors, passive components, sensors, and power management devices supplied by semiconductor and electronic component manufacturers. Midstream activities involve module design, firmware development, PCB assembly, SMT manufacturing, testing, and integration performed by module manufacturers, OEMs, ODMs, and EMS providers. Downstream, the completed Peripheral Modules are distributed to system integrators, industrial equipment manufacturers, computer hardware companies, automotive suppliers, telecom equipment vendors, and consumer electronics producers for integration into end-use applications such as industrial control systems, servers, networking equipment, smart

devices, robotics platforms, and embedded computing systems.

This report is a detailed and comprehensive analysis for global Peripheral Modules market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Peripheral Modules market size and forecasts, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global Peripheral Modules market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global Peripheral Modules market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Million Units), and average selling prices (US\$/Unit), 2021-2032

Global Peripheral Modules market shares of main players, shipments in revenue (\$ Million), sales quantity (Million Units), and ASP (US\$/Unit), 2021-2026

#### The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Peripheral Modules
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Peripheral Modules market based on the following parameters - company overview, sales quantity, revenue, price, gross margin,

product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Lantronix, Kontron, Beckhoff Automation, Eurotech, Toradex, Mitsubishi Electric, Omron, LG Innotek, Samsung, Quectel, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Peripheral Modules market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

- Wired Communication Modules

- Wireless Communication Modules

### Market segment by Data Transfer Speed

- 10 Gbps

### Market segment by Application

- Industrial Automation

- Telecom & Data Centers

- Consumer Electronics

- Automotive Electronics

- Others

## Major players covered

Lantronix

Kontron

Beckhoff Automation

Eurotech

Toradex

Mitsubishi Electric

Omron

LG Innotek

Samsung

Quectel

Fibocom

Espressif

Thundercomm

Advantech

ADLINK Technology

Aaeon Technology

## Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Peripheral Modules product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Peripheral Modules, with price, sales quantity, revenue, and global market share of Peripheral Modules from 2021 to 2026.

Chapter 3, the Peripheral Modules competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Peripheral Modules breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Peripheral Modules market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Peripheral Modules.

Chapter 14 and 15, to describe Peripheral Modules sales channel, distributors, customers, research findings and conclusion.

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