

Global Computer and Peripherals Special Purpose Logic IC - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 100 pages | Mordor Intelligence

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Report description:

The Global Computer and Peripherals Special Purpose Logic IC Market is expected to register a CAGR of less than 6% during the forecast period.

Key Highlights

- The electronics industry is increasingly demanding the special-purpose logic ICs over the circuits such as MCU, MPU, and DSPs. These highly integrated chips are considered semi-standard products in volume production. Advanced features and support to the advanced technologies are boosting the adoption of the special purpose logic ICs mainly from Computer and Peripherals electronics, which is propelling the growth of the global computer and peripherals special purpose logic IC market.
- The surge in digitization in educational institutions is one of the key factors driving the PC peripherals market growth. To simplify teaching and learning processes and attain academic excellence, educational institutions worldwide are changing and implementing digitalization. Students and instructors now have better access to materials because of digitalization. For instance, Students can access study materials from their Computers. As a result, the increased demand for computers and peripherals in the education sector would positively influence the market for Computer and peripherals special purpose logic IC throughout the forecast period. Many institutions are also implementing virtual learning methods and offering online courses, allowing students to learn at their own pace.
- Manufacturers increasingly focus on developing devices that minimize power consumption while offering the needed performance in a small package. During the forecast period, the increased focus on device integration is expected to boost the Computer and Peripheral Special Purpose Logic IC market.
- The availability of counterfeit products in local physical stores and e-commerce platforms is a problem for major consumer electronics manufacturers throughout the world. Many price-conscious end consumers purchase such items because they are inexpensive and appealing. The rising popularity of counterfeit smart and portable Bluetooth speakers and their simple availability

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are projected to increase price competitiveness in the industry. Counterfeit accessories can also be found at a variety of online retail stores.

Computer & Peripherals Special Purpose Logic Ic Market Trends

Increase in Strategic Partnership and Acquisitions of Computer and Peripherals is Expected to Drive Market Growth

- A rise in the number of strategic partnerships and acquisitions enables market vendors to extend their leadership in their respective PC peripheral businesses. The acquisitions aim for developing initiatives that strengthen joint development programs, technological competitiveness, and investing capital according to market trends.
- Further Toshiba Memory Corp. and Western Digital Corp. (Western Digital) announced an agreement to jointly invest in the K1 manufacturing facility that Toshiba Memory is currently constructing in Kitakami, Iwate Prefecture, Japan.
- In March 2021, BluPeak, PC peripherals, and hardware vendor signed an exclusive distribution partnership deal with Dicker Data to expand the growth of Pc peripherals.
- The rise in digitalization will increase the need for PCs, laptops, and notebooks across education institutions, which in turn drive the market for PC peripherals.

Asia Pacific is Expected to Register the Fastest Growth

- The primary markets for computer accessories in APAC are China, Japan, and South Korea. The market in this region will expand quicker than the market in other regions.
- The increase in shipment volume is owing to increased demand for PCs from both the consumer and commercial sectors, which would aid the expansion of the computer accessories market in APAC
- There has been a steady surge in computer shipments across Japan, China, South Korea, and other regions, which has demonstrated a growing potential for computer devices in the coming years.
- According to the Japan Electronics and Information Technology Industries Association, computer shipment increased 37.4% in 2020, indicating a growing demand for computers across the country, which leads to growth of the market in the upcoming forecast period.

Computer & Peripherals Special Purpose Logic Ic Industry Overview

The Computer and Peripherals Special Purpose Logic Ic market is highly fragmented, Due to rapid growth of digitization the use of computers is increasing. There are several key players are operating in the computer and peripheral special purpose logic Ic market. Leading players are currently focusing on Partnerships to provide efficient and sustainable services.

- July 2021 - Texas launched the next generation of the TI-84 Plus family - the TI-84 Plus CE Python graphing calculator. Available in time for back to school, the TI-84 Plus CE Python graphing calculator helps students explore, visualize and better understand math and science while also introducing them to Python, one of the fastest-growing, most popular programming languages globally.

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Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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