

Global CXL Controller IP Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GF01CD0BB1D6EN.html>

Date: March 2023

Pages: 102

Price: US\$ 4,480.00 (Single User License)

ID: GF01CD0BB1D6EN

Abstracts

The global CXL Controller IP market size is expected to reach \$ 876.3 million by 2029, rising at a market growth of 36.0% CAGR during the forecast period (2023-2029).

The key service providers of CXL Controller IP in the world are Synopsis, Cadence, Rambus (PLDA), SmartDV and Mob0veil, among which more than 90% of the top service providers, Synopsis is the largest service providers. The provision of global CXL controller IP services is mainly distributed in North America and India. At present, North America has the fastest growth rate, with a market share of more than 25%. In terms of its products, CXL 1.0 and 1.1 have the highest market share, more than 50%, followed by CXL 2.0 and 3.0. In terms of its application, type 1 CXL device is the first largest application area, with a market share of more than 70%, followed by type 2 CXL device and type 3 CXL device.

Compute Express Link (CXL) is an open standard for high-speed, high capacity central processing unit (CPU)-to-device and CPU-to-memory connections, designed for high performance data center computers. On March 11, 2019, the CXL Specification 1.0 based on PCIe 5.0 was released. CXL controller IP began to appear in 2019. Therefore, the CXL controller IP market began in 2019.

The CXL Controller IP is an interface IP. The CXL controller offers reliability, availability, serviceability (RAS) capabilities to help maintain data reliability, as well as successfully debug and resolve linkup issues.

This report studies the global CXL Controller IP demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for CXL Controller IP, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of CXL Controller IP that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global CXL Controller IP total market, 2018-2029, (USD Million)

Global CXL Controller IP total market by region & country, CAGR, 2018-2029, (USD Million)

U.S. VS China: CXL Controller IP total market, key domestic companies and share, (USD Million)

Global CXL Controller IP revenue by player and market share 2018-2023, (USD Million)

Global CXL Controller IP total market by Type, CAGR, 2018-2029, (USD Million)

Global CXL Controller IP total market by Application, CAGR, 2018-2029, (USD Million)

This reports profiles major players in the global CXL Controller IP market based on the following parameters – company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Synopsys, Cadence, Rambus(PLDA), SmartDV and Mobiveil, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World CXL Controller IP market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global CXL Controller IP Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global CXL Controller IP Market, Segmentation by Type

CXL 2.0 and 3.0

CXL 1.0 and 1.1

Global CXL Controller IP Market, Segmentation by Application

Type 1 CXL Device

Type 2 CXL Device

Type 3 CXL Device

Companies Profiled:

Synopsys

Cadence

Rambus(PLDA)

SmartDV

Mobiveil

Key Questions Answered

1. How big is the global CXL Controller IP market?
2. What is the demand of the global CXL Controller IP market?
3. What is the year over year growth of the global CXL Controller IP market?
4. What is the total value of the global CXL Controller IP market?
5. Who are the major players in the global CXL Controller IP market?
6. What are the growth factors driving the market demand?

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