

2018-2023 Global Hybrid Memory Cube (HMC) and High Bandwidth Memory (HBM) Consumption Market Report

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Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global Hybrid Memory Cube (HMC) and High Bandwidth Memory (HBM) market for 2018-2023.

High Bandwidth Memory (HBM) is a high-performance RAM interface for 3D-stacked DRAM from AMD and Hynix. It is to be used in conjunction with high-performance graphics accelerators and network devices. Hybrid Memory Cube (HMC) is a high-performance RAM interface for through-silicon vias (TSV)-based stacked DRAM memory competing with the incompatible rival interface High Bandwidth Memory (HBM). In terms of geographic regions, APAC is expected to grow at the highest CAGR during the forecast period. The major drivers for the rapid growth of the HMC and HBM market in APAC are the growing number of data centers and servers, increasing shipments of network equipment, and the rising number of manufacturing activities in the enterprise storage and consumer electronics sectors. The strong economic growth and growing demand for high-density memories is expected to drive the HMC and HBM market in the APAC region.

Over the next five years, LPI(LP Information) projects that Hybrid Memory Cube (HMC) and High Bandwidth Memory (HBM) will register a xx% CAGR in terms of revenue, reach US\$ xx million by 2023, from US\$ xx million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of Hybrid Memory Cube (HMC) and High Bandwidth Memory (HBM) market by product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Hybrid Memory Cube (HMC)

High-bandwidth memory (HBM)

Segmentation by application:

Graphics

High-performance Computing

Networking

Data Centers

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

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

Micron

Samsung

SK Hynix

Advanced Micro Devices

Intel

Xilinx

Fujitsu

Nvidia

IBM

Open-Silicon

Cadence

Marvell

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

Research objectives

To study and analyze the global Hybrid Memory Cube (HMC) and High Bandwidth Memory (HBM) consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of Hybrid Memory Cube (HMC) and High Bandwidth Memory (HBM) market by identifying its various subsegments.

Focuses on the key global Hybrid Memory Cube (HMC) and High Bandwidth Memory (HBM) manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the Hybrid Memory Cube (HMC) and High Bandwidth Memory (HBM) with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Hybrid Memory Cube (HMC) and High Bandwidth Memory (HBM) submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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