

Flash Memory Card Market Report by Product Type (SD, Memory Sticks, MMC, Compact Flash, Picture Card, Smart Media), Distribution Channel (Offline, Online), Application (Smart Devices, Cameras and Camcorders, and Others), and Region 2024-2032

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Abstracts

The global flash memory card market size reached US\$ 8.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 12.7 Billion by 2032, exhibiting a growth rate (CAGR) of 4% during 2024-2032. The rising utilization of smart portable devices, increasing availability of memory cards with extensive storage capacity, and the escalating demand for gaming consoles among youngsters represent some of the key factors driving the market.

A flash memory card is a storage device that utilizes non-volatile semiconductor memory to store digital information. It comprises external pins, internal registers, interface controllers, and internal storage media. It is commercially available in a wide variety, such as secure digital (SD), secure digital high capacity (SDHC), compact flash (CF), and smart media, and multimedia card. It includes a non-volatile memory that safeguards data in the event of a power outage and software bug and eliminates the need to periodically refresh data. It is supported by electronic devices, such as digital cameras, smartphones, laptops, gaming consoles, music systems, tablets, security cameras, and set-top boxes, which have an in-built slot to register the card. It is less susceptible to mechanical damage and allows individuals to easily erase and re-program the stored data. It can be connected to any portable device to access the stored information or transfer data from one device to another. It also requires a minimum quantity of power to run and can be connected to devices with limited battery life. Furthermore, as it is affordable compared to other forms of external storage systems, such as hard drives and solid-state drives, the demand for flash memory cards

is increasing around the world.

Global Flash Memory Card Market Trends:

At present, the increasing demand for flash memory cards, as they are compact in size and extremely lightweight, represents one of the primary factors influencing the market positively. Besides this, the rising utilization of smart portable devices, such as smartphones, laptops, and tablets, to access the internet, download information from the web, and connect with other individuals is propelling the growth of the market. In addition, the growing demand for gaming consoles among youngsters, on account of the increasing popularity of video games and the availability of interesting and engaging digital games, is offering a favorable market outlook. Apart from this, the rising utilization of flash memory cards, as they possess faster reading and writing capabilities as compared to traditional storage media, is contributing to the growth of the market. Additionally, the increasing adoption of flash memory cards, as they are user-friendly and do not require any external programming, is supporting the market growth. Moreover, the rising availability of memory cards with extensive storage capacity is bolstering the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global flash memory card market report, along with forecasts at the global and regional level from 2024-2032. Our report has categorized the market based on product type, distribution channel, and application.

Product Type Insights:

SD

Memory Sticks

MMC

Compact Flash

Picture Card

Smart Media

The report has provided a detailed breakup and analysis of the flash memory card market based on the product type. This includes SD, memory sticks, MMC, compact flash, picture card, and smart media. According to the report, SD represented the largest segment.

Distribution Channel Insights:

Offline

Online

A detailed breakup and analysis of the flash memory card market based on the distribution channel has also been provided in the report. This includes offline and online. According to the report, offline accounted for the largest market share.

Application Insights:

Smart Devices

Cameras and Camcorders

Others

A detailed breakup and analysis of the flash memory card market based on the application has also been provided in the report. This includes smart devices, cameras and camcorders, and others. According to the report, smart devices accounted for the largest market share.

Regional Insights:

Asia Pacific

Europe

North America

Middle East and Africa

Latin America

The report has also provided a comprehensive analysis of all the major regional markets, which include Asia Pacific, Europe, North America, the Middle East and Africa, and Latin America. According to the report, Asia Pacific was the largest market for flash memory card. Some of the factors driving the Asia Pacific flash memory card market included the growing demand for storage solutions, increasing use in data centers, rising automation of various business operations, etc.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global flash memory card market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also,

detailed profiles of all major companies have been provided. Some of the companies covered include SanDisk LLC, IMEC VZW, Corsair Gaming, Inc., G.SKILL International Enterprise Co., Ltd., Mushkin Inc., Kingston Technology Corporation, Samsung, SK Hynix Inc., Toshiba Corporation, and Transcend Information, Inc. etc.

Key Questions Answered in This Report

1. What was the size of the global flash memory card market in 2023?
2. What is the expected growth rate of the global flash memory card market during 2024-2032?
3. What are the key factors driving the global flash memory card market?
4. What has been the impact of COVID-19 on the global flash memory card market?
5. What is the breakup of the global flash memory card market based on the product type?
6. What is the breakup of the global flash memory card market based on the distribution channel?
7. What is the breakup of the global flash memory card market based on application?
8. What are the key regions in the global flash memory card market?
9. Who are the key players/companies in the global flash memory card market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL FLASH MEMORY CARD MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Product Type
- 5.5 Market Breakup by Distribution Channel
- 5.6 Market Breakup by Application
- 5.7 Market Breakup by Region
- 5.8 Market Forecast

6 MARKET BREAKUP BY PRODUCT TYPE

6.1 SD

- 6.1.1 Market Trends
- 6.1.2 Market Forecast
- 6.2 Memory Sticks
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 MMC
 - 6.3.1 Market Trends
 - 6.3.2 Market Forecast
- 6.4 Compact Flash
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Picture Card
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Smart Media
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast

7 MARKET BREAKUP BY DISTRIBUTION CHANNEL

- 7.1 Offline
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Online
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Smart Devices
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Cameras and Camcorders
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Others
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 Asia Pacific

9.1.1 Market Trends

9.1.2 Market Forecast

9.2 Europe

9.2.1 Market Trends

9.2.2 Market Forecast

9.3 North America

9.3.1 Market Trends

9.3.2 Market Forecast

9.4 Middle East and Africa

9.4.1 Market Trends

9.4.2 Market Forecast

9.5 Latin America

9.5.1 Market Trends

9.5.2 Market Forecast

10 SWOT ANALYSIS

10.1 Overview

10.2 Strengths

10.3 Weaknesses

10.4 Opportunities

10.5 Threats

11 VALUE CHAIN ANALYSIS

11.1 Overview

11.2 Research and Development

11.3 Manufacturing

11.4 Marketing

11.5 Distribution

11.6 Exports

11.7 End-User

12 PORTERS FIVE FORCES ANALYSIS

12.1 Overview

- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 FLASH MEMORY CARD MANUFACTURING PROCESS

- 14.1 Product Overview
- 14.2 Raw Material Requirements
- 14.3 Manufacturing Process
- 14.4 Key Success and Risk Factors

15 COMPETITIVE LANDSCAPE

- 15.1 Market Structure
- 15.2 Key Players
- 15.3 Profiles of Key Players
 - 15.3.1 SanDisk LLC
 - 15.3.2 IMEC VZW
 - 15.3.3 Corsair Gaming, Inc.
 - 15.3.4 G.SKILL International Enterprise Co., Ltd.
 - 15.3.5 Mushkin Inc.
 - 15.3.6 Kingston Technology Corporation
 - 15.3.7 Samsung
 - 15.3.8 SK Hynix Inc.
 - 15.3.9 Toshiba Corporation
 - 15.3.10 Transcend Information, Inc.

List Of Tables

LIST OF TABLES

Table 1: Global: Flash Memory Card Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Flash Memory Card Market Forecast: Breakup by Product Type (in Million US\$), 2024-2032

Table 3: Global: Flash Memory Card Market Forecast: Breakup by Distribution Channel (in Million US\$), 2024-2032

Table 4: Global: Flash Memory Card Market Forecast: Breakup by Application (in Million US\$), 2024-2032

Table 5: Global: Flash Memory Card Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Flash Memory Card: Raw Material Requirements

Table 7: Global: Flash Memory Card Market Structure

Table 8: Global: Flash Memory Card Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Flash Memory Card Market: Major Drivers and Challenges

Figure 2: Global: Flash Memory Card Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Flash Memory Card Market: Breakup by Product Type (in %), 2023

Figure 4: Global: Flash Memory Card Market: Breakup by Distribution Channel (in %), 2023

Figure 5: Global: Flash Memory Card Market: Breakup by Application (in %), 2023

Figure 6: Global: Flash Memory Card Market: Breakup by Region (in %), 2023

Figure 7: Global: Flash Memory Card Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 8: Global: Flash Memory Card Industry: SWOT Analysis

Figure 9: Global: Flash Memory Card Industry: Value Chain Analysis

Figure 10: Global: Flash Memory Card Industry: Porter's Five Forces Analysis

Figure 11: Global: Flash Memory Card (SD) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 12: Global: Flash Memory Card (SD) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 13: Global: Flash Memory Card (Memory Sticks) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 14: Global: Flash Memory Card (Memory Sticks) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 15: Global: Flash Memory Card (MMC) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 16: Global: Flash Memory Card (MMC) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 17: Global: Flash Memory Card (Compact Flash) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 18: Global: Flash Memory Card (Compact Flash) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 19: Global: Flash Memory Card (Picture Card) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 20: Global: Flash Memory Card (Picture Card) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 21: Global: Flash Memory Card (Smart Media) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 22: Global: Flash Memory Card (Smart Media) Market Forecast: Sales Value (in

Million US\$), 2024-2032

Figure 23: Global: Flash Memory Card Market: Offline Sales (in Million US\$), 2018 & 2023

Figure 24: Global: Flash Memory Card Market Forecast: Offline Sales (in Million US\$), 2024-2032

Figure 25: Global: Flash Memory Card Market: Online Sales (in Million US\$), 2018 & 2023

Figure 26: Global: Flash Memory Card Market Forecast: Online Sales (in Million US\$), 2024-2032

Figure 27: Global: Flash Memory Card (Smart Devices) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 28: Global: Flash Memory Card (Smart Devices) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 29: Global: Flash Memory Card (Cameras and Camcorders) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 30: Global: Flash Memory Card (Cameras and Camcorders) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 31: Global: Flash Memory Card (Other Applications) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 32: Global: Flash Memory Card (Other Applications) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 33: Asia Pacific: Flash Memory Card Market: Sales Value (In Million US\$), 2018 & 2023

Figure 34: Asia Pacific: Flash Memory Card Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 35: Europe: Flash Memory Card Market: Sales Value (in Million US\$), 2018 & 2023

Figure 36: Europe: Flash Memory Card Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 37: North America: Flash Memory Card Market: Sales Value (in Million US\$), 2018 & 2023

Figure 38: North America: Flash Memory Card Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 39: Middle East and Africa: Flash Memory Card Market: Sales Value (in Million US\$), 2018 & 2023

Figure 40: Middle East and Africa: Flash Memory Card Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 41: Latin America: Flash Memory Card Market: Sales Value (in Million US\$), 2018 & 2023

Figure 42: Latin America: Flash Memory Card Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 43: Flash Memory Card Manufacturing: Process Flow

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