

Global NAND Flash Memory and DRAM Market Size, Manufacturers, Growth Analysis Industry Forecast to 2030

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Abstracts

NAND flash memory is a type of non-volatile storage technology that does not require power in order to retain data. It uses floating-gate transistors that are connected in a way that the resulting connection resembles a NANA gate, where several transistors are series connected and a bit line is pulled low only when all word lines are at a high state, hence the name. The technology is used in common storage devices such as flash drives, solid-state drives and memory cards.

Dynamic random-access memory is a type of random access semiconductor memory that stores each bit of data in a memory cell consisting of a tiny capacitor and a transistor, both typically based on metal-oxide-semiconductor technology.

According to APO Research, The global NAND Flash Memory and DRAM market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

China is the largest NAND Flash Memory and DRAM market with about 27% market share. Korea is follower, accounting for about 24% market share.

The key players are Samsung, Micron, SK Hynix, Kioxia Holdings Corporation, Western Digital, Intel, Nanya, Winbond etc. Top 3 companies occupied about 73% market share.

This report presents an overview of global market for NAND Flash Memory and DRAM, sales, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.



This report researches the key producers of NAND Flash Memory and DRAM, also provides the sales of main regions and countries. Of the upcoming market potential for NAND Flash Memory and DRAM, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the NAND Flash Memory and DRAM sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global NAND Flash Memory and DRAM market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by Type and by Application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for NAND Flash Memory and DRAM sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Samsung, Micron, SK Hynix, Kioxia Holdings Corporation, Western Digital, Intel, Nanya and Winbond, etc.

NAND Flash Memory and DRAM segment by Company

Samsung Micron SK Hynix Kioxia Holdings Corporation Western Digital Intel



Nanya

Winbond

NAND Flash Memory and DRAM segment by Type

NAND Flash Memory

DRAM

NAND Flash Memory and DRAM segment by Application

Smartphone

PC

SSD

Digital TV

Others

NAND Flash Memory and DRAM segment by Region

North America

U.S.

Canada

Europe

Germany

France



U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia



UAE

Study Objectives

1. To analyze and research the global NAND Flash Memory and DRAM status and future forecast, involving, sales, revenue, growth rate (CAGR), market share, historical and forecast.

2. To present the key manufacturers, sales, revenue, market share, and Recent Developments.

3. To split the breakdown data by regions, type, manufacturers, and Application.

4. To analyze the global and key regions NAND Flash Memory and DRAM market potential and advantage, opportunity and challenge, restraints, and risks.

5. To identify NAND Flash Memory and DRAM significant trends, drivers, influence factors in global and regions.

6. To analyze NAND Flash Memory and DRAM competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global NAND Flash Memory and DRAM market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of NAND Flash Memory and DRAM and provides them with information on key market drivers, restraints, challenges, and opportunities.



3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in sales and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of NAND Flash Memory and DRAM.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the NAND Flash Memory and DRAM market, including product definition, global market growth prospects, sales value, sales volume, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global NAND Flash Memory and DRAM industry.

Chapter 3: Detailed analysis of NAND Flash Memory and DRAM manufacturers competitive landscape, price, sales and revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Sales and value of NAND Flash Memory and DRAM in regional level. It provides a quantitative analysis of the market size and development potential of each



region and introduces the market development, future development prospects, market space, and market size of each country in the world.

Chapter 7: Sales and value of NAND Flash Memory and DRAM in country level. It provides sigmate data by type, and by application for each country/region.

Chapter 8: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights.

Chapter 10: Concluding Insights.



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