

NAND Flash Memory and DRAM Industry Research Report 2024

<https://marketpublishers.com/r/N459F8E51FA9EN.html>

Date: April 2024

Pages: 122

Price: US\$ 2,950.00 (Single User License)

ID: N459F8E51FA9EN

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 NAND 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 was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

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.

Report Scope

This report aims to provide a comprehensive presentation of the global market for NAND Flash Memory and DRAM, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation,

analyze their position in the current marketplace, and make informed business decisions regarding NAND Flash Memory and DRAM.

The report will help the NAND Flash Memory and DRAM manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The NAND Flash Memory and DRAM market size, estimations, and forecasts are provided in terms of sales volume (M Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global NAND Flash Memory and DRAM market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

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

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

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 volume 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: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

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

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of NAND Flash Memory and DRAM by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of NAND Flash Memory and DRAM in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7: 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 8: 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 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 NAND Flash Memory and DRAM by Type
 - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.2.2 NAND Flash Memory
 - 2.2.3 DRAM
- 2.3 NAND Flash Memory and DRAM by Application
 - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.3.2 Smartphone
 - 2.3.3 PC
 - 2.3.4 SSD
 - 2.3.5 Digital TV
 - 2.3.6 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global NAND Flash Memory and DRAM Production Value Estimates and Forecasts (2019-2030)
 - 2.4.2 Global NAND Flash Memory and DRAM Production Capacity Estimates and Forecasts (2019-2030)
 - 2.4.3 Global NAND Flash Memory and DRAM Production Estimates and Forecasts (2019-2030)
 - 2.4.4 Global NAND Flash Memory and DRAM Market Average Price (2019-2030)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global NAND Flash Memory and DRAM Production by Manufacturers (2019-2024)

3.2 Global NAND Flash Memory and DRAM Production Value by Manufacturers (2019-2024)

3.3 Global NAND Flash Memory and DRAM Average Price by Manufacturers (2019-2024)

3.4 Global NAND Flash Memory and DRAM Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

3.5 Global NAND Flash Memory and DRAM Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global NAND Flash Memory and DRAM Manufacturers, Product Type & Application

3.7 Global NAND Flash Memory and DRAM Manufacturers, Date of Enter into This Industry

3.8 Global NAND Flash Memory and DRAM Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 Samsung

4.1.1 Samsung NAND Flash Memory and DRAM Company Information

4.1.2 Samsung NAND Flash Memory and DRAM Business Overview

4.1.3 Samsung NAND Flash Memory and DRAM Production, Value and Gross Margin (2019-2024)

4.1.4 Samsung Product Portfolio

4.1.5 Samsung Recent Developments

4.2 Micron

4.2.1 Micron NAND Flash Memory and DRAM Company Information

4.2.2 Micron NAND Flash Memory and DRAM Business Overview

4.2.3 Micron NAND Flash Memory and DRAM Production, Value and Gross Margin (2019-2024)

4.2.4 Micron Product Portfolio

4.2.5 Micron Recent Developments

4.3 SK Hynix

4.3.1 SK Hynix NAND Flash Memory and DRAM Company Information

4.3.2 SK Hynix NAND Flash Memory and DRAM Business Overview

4.3.3 SK Hynix NAND Flash Memory and DRAM Production, Value and Gross Margin (2019-2024)

4.3.4 SK Hynix Product Portfolio

4.3.5 SK Hynix Recent Developments

4.4 Kioxia Holdings Corporation

4.4.1 Kioxia Holdings Corporation NAND Flash Memory and DRAM Company

Information

4.4.2 Kioxia Holdings Corporation NAND Flash Memory and DRAM Business

Overview

4.4.3 Kioxia Holdings Corporation NAND Flash Memory and DRAM Production, Value and Gross Margin (2019-2024)

4.4.4 Kioxia Holdings Corporation Product Portfolio

4.4.5 Kioxia Holdings Corporation Recent Developments

4.5 Western Digital

4.5.1 Western Digital NAND Flash Memory and DRAM Company Information

4.5.2 Western Digital NAND Flash Memory and DRAM Business Overview

4.5.3 Western Digital NAND Flash Memory and DRAM Production, Value and Gross Margin (2019-2024)

4.5.4 Western Digital Product Portfolio

4.5.5 Western Digital Recent Developments

4.6 Intel

4.6.1 Intel NAND Flash Memory and DRAM Company Information

4.6.2 Intel NAND Flash Memory and DRAM Business Overview

4.6.3 Intel NAND Flash Memory and DRAM Production, Value and Gross Margin (2019-2024)

4.6.4 Intel Product Portfolio

4.6.5 Intel Recent Developments

4.7 Nanya

4.7.1 Nanya NAND Flash Memory and DRAM Company Information

4.7.2 Nanya NAND Flash Memory and DRAM Business Overview

4.7.3 Nanya NAND Flash Memory and DRAM Production, Value and Gross Margin (2019-2024)

4.7.4 Nanya Product Portfolio

4.7.5 Nanya Recent Developments

4.8 Winbond

4.8.1 Winbond NAND Flash Memory and DRAM Company Information

4.8.2 Winbond NAND Flash Memory and DRAM Business Overview

4.8.3 Winbond NAND Flash Memory and DRAM Production, Value and Gross Margin (2019-2024)

4.8.4 Winbond Product Portfolio

4.8.5 Winbond Recent Developments

5 GLOBAL NAND FLASH MEMORY AND DRAM PRODUCTION BY REGION

5.1 Global NAND Flash Memory and DRAM Production Estimates and Forecasts by

Region: 2019 VS 2023 VS 2030

5.2 Global NAND Flash Memory and DRAM Production by Region: 2019-2030

5.2.1 Global NAND Flash Memory and DRAM Production by Region: 2019-2024

5.2.2 Global NAND Flash Memory and DRAM Production Forecast by Region (2025-2030)

5.3 Global NAND Flash Memory and DRAM Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

5.4 Global NAND Flash Memory and DRAM Production Value by Region: 2019-2030

5.4.1 Global NAND Flash Memory and DRAM Production Value by Region: 2019-2024

5.4.2 Global NAND Flash Memory and DRAM Production Value Forecast by Region (2025-2030)

5.5 Global NAND Flash Memory and DRAM Market Price Analysis by Region (2019-2024)

5.6 Global NAND Flash Memory and DRAM Production and Value, YOY Growth

5.6.1 North America NAND Flash Memory and DRAM Production Value Estimates and Forecasts (2019-2030)

5.6.2 Europe NAND Flash Memory and DRAM Production Value Estimates and Forecasts (2019-2030)

5.6.3 China NAND Flash Memory and DRAM Production Value Estimates and Forecasts (2019-2030)

5.6.4 Japan NAND Flash Memory and DRAM Production Value Estimates and Forecasts (2019-2030)

5.6.5 South Korea NAND Flash Memory and DRAM Production Value Estimates and Forecasts (2019-2030)

5.6.6 Southeast Asia NAND Flash Memory and DRAM Production Value Estimates and Forecasts (2019-2030)

6 GLOBAL NAND FLASH MEMORY AND DRAM CONSUMPTION BY REGION

6.1 Global NAND Flash Memory and DRAM Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

6.2 Global NAND Flash Memory and DRAM Consumption by Region (2019-2030)

6.2.1 Global NAND Flash Memory and DRAM Consumption by Region: 2019-2030

6.2.2 Global NAND Flash Memory and DRAM Forecasted Consumption by Region (2025-2030)

6.3 North America

6.3.1 North America NAND Flash Memory and DRAM Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.3.2 North America NAND Flash Memory and DRAM Consumption by Country

(2019-2030)

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

6.4.1 Europe NAND Flash Memory and DRAM Consumption Growth Rate by Country:
2019 VS 2023 VS 2030

6.4.2 Europe NAND Flash Memory and DRAM Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific NAND Flash Memory and DRAM Consumption Growth Rate by
Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific NAND Flash Memory and DRAM Consumption by Country
(2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa NAND Flash Memory and DRAM
Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa NAND Flash Memory and DRAM
Consumption by Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

7 SEGMENT BY TYPE

7.1 Global NAND Flash Memory and DRAM Production by Type (2019-2030)

7.1.1 Global NAND Flash Memory and DRAM Production by Type (2019-2030) & (M
Units)

7.1.2 Global NAND Flash Memory and DRAM Production Market Share by Type (2019-2030)

7.2 Global NAND Flash Memory and DRAM Production Value by Type (2019-2030)

7.2.1 Global NAND Flash Memory and DRAM Production Value by Type (2019-2030) & (US\$ Million)

7.2.2 Global NAND Flash Memory and DRAM Production Value Market Share by Type (2019-2030)

7.3 Global NAND Flash Memory and DRAM Price by Type (2019-2030)

8 SEGMENT BY APPLICATION

8.1 Global NAND Flash Memory and DRAM Production by Application (2019-2030)

8.1.1 Global NAND Flash Memory and DRAM Production by Application (2019-2030) & (M Units)

8.1.2 Global NAND Flash Memory and DRAM Production by Application (2019-2030) & (M Units)

8.2 Global NAND Flash Memory and DRAM Production Value by Application (2019-2030)

8.2.1 Global NAND Flash Memory and DRAM Production Value by Application (2019-2030) & (US\$ Million)

8.2.2 Global NAND Flash Memory and DRAM Production Value Market Share by Application (2019-2030)

8.3 Global NAND Flash Memory and DRAM Price by Application (2019-2030)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

9.1 NAND Flash Memory and DRAM Value Chain Analysis

9.1.1 NAND Flash Memory and DRAM Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 NAND Flash Memory and DRAM Production Mode & Process

9.2 NAND Flash Memory and DRAM Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 NAND Flash Memory and DRAM Distributors

9.2.3 NAND Flash Memory and DRAM Customers

10 GLOBAL NAND FLASH MEMORY AND DRAM ANALYZING MARKET DYNAMICS

10.1 NAND Flash Memory and DRAM Industry Trends

10.2 NAND Flash Memory and DRAM Industry Drivers

10.3 NAND Flash Memory and DRAM Industry Opportunities and Challenges

10.4 NAND Flash Memory and DRAM Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

I would like to order

Product name: NAND Flash Memory and DRAM Industry Research Report 2024

Product link: <https://marketpublishers.com/r/N459F8E51FA9EN.html>

Price: US\$ 2,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N459F8E51FA9EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970