

# Global NAND Flash Memory and DRAM Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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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 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 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.

In terms of production side, this report researches the NAND Flash Memory and DRAM production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of NAND Flash Memory and DRAM by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for NAND Flash Memory and DRAM, capacity, output, 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 consumption 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 status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, 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 market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze 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 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: Provides an overview of the NAND Flash Memory and DRAM market, including product definition, global market growth prospects, production value, capacity, 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 market competition landscape. Including NAND Flash Memory and DRAM manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, 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: 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 7: Production/Production Value of NAND Flash Memory and DRAM by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

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

Chapter 10: Concluding Insights of the report.

## Contents

### **1 MARKET OVERVIEW**

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global NAND Flash Memory and DRAM Production Value Estimates and Forecasts (2019-2030)
  - 1.2.2 Global NAND Flash Memory and DRAM Production Capacity Estimates and Forecasts (2019-2030)
  - 1.2.3 Global NAND Flash Memory and DRAM Production Estimates and Forecasts (2019-2030)
  - 1.2.4 Global NAND Flash Memory and DRAM Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

### **2 GLOBAL NAND FLASH MEMORY AND DRAM MARKET DYNAMICS**

- 2.1 NAND Flash Memory and DRAM Industry Trends
- 2.2 NAND Flash Memory and DRAM Industry Drivers
- 2.3 NAND Flash Memory and DRAM Industry Opportunities and Challenges
- 2.4 NAND Flash Memory and DRAM Industry Restraints

### **3 NAND FLASH MEMORY AND DRAM MARKET BY MANUFACTURERS**

- 3.1 Global NAND Flash Memory and DRAM Production Value by Manufacturers (2019-2024)
- 3.2 Global NAND Flash Memory and DRAM Production 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 Commercialization Time
- 3.8 Market Competitive Analysis
  - 3.8.1 Global NAND Flash Memory and DRAM Market CR5 and HHI
  - 3.8.2 Global Top 5 and 10 NAND Flash Memory and DRAM Players Market Share by



Production Value in 2023

3.8.3 2023 NAND Flash Memory and DRAM Tier 1, Tier 2, and Tier

## **4 NAND FLASH MEMORY AND DRAM MARKET BY TYPE**

4.1 NAND Flash Memory and DRAM Type Introduction

4.1.1 NAND Flash Memory

4.1.2 DRAM

4.2 Global NAND Flash Memory and DRAM Production by Type

4.2.1 Global NAND Flash Memory and DRAM Production by Type (2019 VS 2023 VS 2030)

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

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

4.3 Global NAND Flash Memory and DRAM Production Value by Type

4.3.1 Global NAND Flash Memory and DRAM Production Value by Type (2019 VS 2023 VS 2030)

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

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

## **5 NAND FLASH MEMORY AND DRAM MARKET BY APPLICATION**

5.1 NAND Flash Memory and DRAM Application Introduction

5.1.1 Smartphone

5.1.2 PC

5.1.3 SSD

5.1.4 Digital TV

5.1.5 Others

5.2 Global NAND Flash Memory and DRAM Production by Application

5.2.1 Global NAND Flash Memory and DRAM Production by Application (2019 VS 2023 VS 2030)

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

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

5.3 Global NAND Flash Memory and DRAM Production Value by Application

5.3.1 Global NAND Flash Memory and DRAM Production Value by Application (2019 VS 2023 VS 2030)

5.3.2 Global NAND Flash Memory and DRAM Production Value by Application

(2019-2030)

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

## **6 COMPANY PROFILES**

### **6.1 Samsung**

6.1.1 Samsung Company Information

6.1.2 Samsung Business Overview

6.1.3 Samsung NAND Flash Memory and DRAM Production, Value and Gross Margin

(2019-2024)

6.1.4 Samsung NAND Flash Memory and DRAM Product Portfolio

6.1.5 Samsung Recent Developments

### **6.2 Micron**

6.2.1 Micron Company Information

6.2.2 Micron Business Overview

6.2.3 Micron NAND Flash Memory and DRAM Production, Value and Gross Margin

(2019-2024)

6.2.4 Micron NAND Flash Memory and DRAM Product Portfolio

6.2.5 Micron Recent Developments

### **6.3 SK Hynix**

6.3.1 SK Hynix Company Information

6.3.2 SK Hynix Business Overview

6.3.3 SK Hynix NAND Flash Memory and DRAM Production, Value and Gross Margin

(2019-2024)

6.3.4 SK Hynix NAND Flash Memory and DRAM Product Portfolio

6.3.5 SK Hynix Recent Developments

### **6.4 Kioxia Holdings Corporation**

6.4.1 Kioxia Holdings Corporation Company Information

6.4.2 Kioxia Holdings Corporation Business Overview

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

6.4.4 Kioxia Holdings Corporation NAND Flash Memory and DRAM Product Portfolio

6.4.5 Kioxia Holdings Corporation Recent Developments

### **6.5 Western Digital**

6.5.1 Western Digital Company Information

6.5.2 Western Digital Business Overview

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

6.5.4 Western Digital NAND Flash Memory and DRAM Product Portfolio

6.5.5 Western Digital Recent Developments

6.6 Intel

6.6.1 Intel Company Information

6.6.2 Intel Business Overview

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

6.6.4 Intel NAND Flash Memory and DRAM Product Portfolio

6.6.5 Intel Recent Developments

6.7 Nanya

6.7.1 Nanya Company Information

6.7.2 Nanya Business Overview

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

6.7.4 Nanya NAND Flash Memory and DRAM Product Portfolio

6.7.5 Nanya Recent Developments

6.8 Winbond

6.8.1 Winbond Company Information

6.8.2 Winbond Business Overview

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

6.8.4 Winbond NAND Flash Memory and DRAM Product Portfolio

6.8.5 Winbond Recent Developments

## **7 GLOBAL NAND FLASH MEMORY AND DRAM PRODUCTION BY REGION**

7.1 Global NAND Flash Memory and DRAM Production by Region: 2019 VS 2023 VS 2030

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

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

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

7.3 Global NAND Flash Memory and DRAM Production by Region: 2019 VS 2023 VS 2030

7.4 Global NAND Flash Memory and DRAM Production Value by Region (2019-2030)

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

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

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

## 7.6 Regional Production Value Trends (2019-2030)

7.6.1 North America NAND Flash Memory and DRAM Production Value (2019-2030)

7.6.2 Europe NAND Flash Memory and DRAM Production Value (2019-2030)

7.6.3 Asia-Pacific NAND Flash Memory and DRAM Production Value (2019-2030)

7.6.4 Latin America NAND Flash Memory and DRAM Production Value (2019-2030)

7.6.5 Middle East & Africa NAND Flash Memory and DRAM Production Value (2019-2030)

## **8 GLOBAL NAND FLASH MEMORY AND DRAM CONSUMPTION BY REGION**

8.1 Global NAND Flash Memory and DRAM Consumption by Region: 2019 VS 2023 VS 2030

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

8.2.1 Global NAND Flash Memory and DRAM Consumption by Region (2019-2024)

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

8.3 North America

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

8.3.2 North America NAND Flash Memory and DRAM Consumption by Country (2019-2030)

8.3.3 U.S.

8.3.4 Canada

8.4 Europe

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

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

8.4.3 Germany

8.4.4 France

8.4.5 U.K.

8.4.6 Italy

8.4.7 Netherlands

8.5 Asia Pacific

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

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

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA NAND Flash Memory and DRAM Consumption Growth Rate by Country:  
2019 VS 2023 VS 2030

8.6.2 LAMEA NAND Flash Memory and DRAM Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

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 Manufacturing Cost Structure

9.1.4 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 CONCLUDING INSIGHTS**

## **11 APPENDIX**

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

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