

# Global High Density NAND Flash Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GEFE09F6B914EN.html>

Date: May 2023

Pages: 123

Price: US\$ 4,480.00 (Single User License)

ID: GEFE09F6B914EN

## Abstracts

The global High Density NAND Flash market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

This report studies the global High Density NAND Flash production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for High Density NAND Flash, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of High Density NAND Flash that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global High Density NAND Flash total production and demand, 2018-2029, (K Units)

Global High Density NAND Flash total production value, 2018-2029, (USD Million)

Global High Density NAND Flash production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global High Density NAND Flash consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: High Density NAND Flash domestic production, consumption, key domestic manufacturers and share

Global High Density NAND Flash production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global High Density NAND Flash production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global High Density NAND Flash production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units)

This reports profiles key players in the global High Density NAND Flash market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Toshiba, Micron, Samsung, Cypress, Winbond, Macronix, GigaDevice, ATO Solution and SkyHigh Memory, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World High Density NAND Flash market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global High Density NAND Flash Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global High Density NAND Flash Market, Segmentation by Type

128GB

256GB

Others

#### Global High Density NAND Flash Market, Segmentation by Application

SSDs

Tablets

USB Drives

Others

#### Companies Profiled:

Toshiba

Micron

Samsung

Cypress

Winbond

Macronix

GigaDevice

ATO Solution

SkyHigh Memory

SLC NAND

Frontgrad

Kioxia

WDC

SK Hynix

Intel

## Key Questions Answered

1. How big is the global High Density NAND Flash market?
2. What is the demand of the global High Density NAND Flash market?
3. What is the year over year growth of the global High Density NAND Flash market?
4. What is the production and production value of the global High Density NAND Flash market?
5. Who are the key producers in the global High Density NAND Flash market?
6. What are the growth factors driving the market demand?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 High Density NAND Flash Introduction
- 1.2 World High Density NAND Flash Supply & Forecast
  - 1.2.1 World High Density NAND Flash Production Value (2018 & 2022 & 2029)
  - 1.2.2 World High Density NAND Flash Production (2018-2029)
  - 1.2.3 World High Density NAND Flash Pricing Trends (2018-2029)
- 1.3 World High Density NAND Flash Production by Region (Based on Production Site)
  - 1.3.1 World High Density NAND Flash Production Value by Region (2018-2029)
  - 1.3.2 World High Density NAND Flash Production by Region (2018-2029)
  - 1.3.3 World High Density NAND Flash Average Price by Region (2018-2029)
  - 1.3.4 North America High Density NAND Flash Production (2018-2029)
  - 1.3.5 Europe High Density NAND Flash Production (2018-2029)
  - 1.3.6 China High Density NAND Flash Production (2018-2029)
  - 1.3.7 Japan High Density NAND Flash Production (2018-2029)
  - 1.3.8 South Korea High Density NAND Flash Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 High Density NAND Flash Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 High Density NAND Flash Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
  - 1.5.1 Influence of COVID-19
  - 1.5.2 Influence of Russia-Ukraine War

### 2 DEMAND SUMMARY

- 2.1 World High Density NAND Flash Demand (2018-2029)
- 2.2 World High Density NAND Flash Consumption by Region
  - 2.2.1 World High Density NAND Flash Consumption by Region (2018-2023)
  - 2.2.2 World High Density NAND Flash Consumption Forecast by Region (2024-2029)
- 2.3 United States High Density NAND Flash Consumption (2018-2029)
- 2.4 China High Density NAND Flash Consumption (2018-2029)
- 2.5 Europe High Density NAND Flash Consumption (2018-2029)
- 2.6 Japan High Density NAND Flash Consumption (2018-2029)
- 2.7 South Korea High Density NAND Flash Consumption (2018-2029)
- 2.8 ASEAN High Density NAND Flash Consumption (2018-2029)
- 2.9 India High Density NAND Flash Consumption (2018-2029)

### **3 WORLD HIGH DENSITY NAND FLASH MANUFACTURERS COMPETITIVE ANALYSIS**

- 3.1 World High Density NAND Flash Production Value by Manufacturer (2018-2023)
- 3.2 World High Density NAND Flash Production by Manufacturer (2018-2023)
- 3.3 World High Density NAND Flash Average Price by Manufacturer (2018-2023)
- 3.4 High Density NAND Flash Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global High Density NAND Flash Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for High Density NAND Flash in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for High Density NAND Flash in 2022
- 3.6 High Density NAND Flash Market: Overall Company Footprint Analysis
  - 3.6.1 High Density NAND Flash Market: Region Footprint
  - 3.6.2 High Density NAND Flash Market: Company Product Type Footprint
  - 3.6.3 High Density NAND Flash Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

### **4 UNITED STATES VS CHINA VS REST OF THE WORLD**

- 4.1 United States VS China: High Density NAND Flash Production Value Comparison
  - 4.1.1 United States VS China: High Density NAND Flash Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: High Density NAND Flash Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: High Density NAND Flash Production Comparison
  - 4.2.1 United States VS China: High Density NAND Flash Production Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: High Density NAND Flash Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: High Density NAND Flash Consumption Comparison
  - 4.3.1 United States VS China: High Density NAND Flash Consumption Comparison (2018 & 2022 & 2029)
  - 4.3.2 United States VS China: High Density NAND Flash Consumption Market Share

## Comparison (2018 & 2022 & 2029)

### 4.4 United States Based High Density NAND Flash Manufacturers and Market Share, 2018-2023

#### 4.4.1 United States Based High Density NAND Flash Manufacturers, Headquarters and Production Site (States, Country)

#### 4.4.2 United States Based Manufacturers High Density NAND Flash Production Value (2018-2023)

#### 4.4.3 United States Based Manufacturers High Density NAND Flash Production (2018-2023)

### 4.5 China Based High Density NAND Flash Manufacturers and Market Share

#### 4.5.1 China Based High Density NAND Flash Manufacturers, Headquarters and Production Site (Province, Country)

#### 4.5.2 China Based Manufacturers High Density NAND Flash Production Value (2018-2023)

#### 4.5.3 China Based Manufacturers High Density NAND Flash Production (2018-2023)

### 4.6 Rest of World Based High Density NAND Flash Manufacturers and Market Share, 2018-2023

#### 4.6.1 Rest of World Based High Density NAND Flash Manufacturers, Headquarters and Production Site (State, Country)

#### 4.6.2 Rest of World Based Manufacturers High Density NAND Flash Production Value (2018-2023)

#### 4.6.3 Rest of World Based Manufacturers High Density NAND Flash Production (2018-2023)

## 5 MARKET ANALYSIS BY TYPE

### 5.1 World High Density NAND Flash Market Size Overview by Type: 2018 VS 2022 VS 2029

### 5.2 Segment Introduction by Type

#### 5.2.1 128GB

#### 5.2.2 256GB

#### 5.2.3 Others

### 5.3 Market Segment by Type

#### 5.3.1 World High Density NAND Flash Production by Type (2018-2029)

#### 5.3.2 World High Density NAND Flash Production Value by Type (2018-2029)

#### 5.3.3 World High Density NAND Flash Average Price by Type (2018-2029)

## 6 MARKET ANALYSIS BY APPLICATION



## 6.1 World High Density NAND Flash Market Size Overview by Application: 2018 VS 2022 VS 2029

## 6.2 Segment Introduction by Application

### 6.2.1 SSDs

### 6.2.2 Tablets

### 6.2.3 USB Drives

### 6.2.4 Others

## 6.3 Market Segment by Application

### 6.3.1 World High Density NAND Flash Production by Application (2018-2029)

### 6.3.2 World High Density NAND Flash Production Value by Application (2018-2029)

### 6.3.3 World High Density NAND Flash Average Price by Application (2018-2029)

# 7 COMPANY PROFILES

## 7.1 Toshiba

### 7.1.1 Toshiba Details

### 7.1.2 Toshiba Major Business

### 7.1.3 Toshiba High Density NAND Flash Product and Services

### 7.1.4 Toshiba High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.1.5 Toshiba Recent Developments/Updates

### 7.1.6 Toshiba Competitive Strengths & Weaknesses

## 7.2 Micron

### 7.2.1 Micron Details

### 7.2.2 Micron Major Business

### 7.2.3 Micron High Density NAND Flash Product and Services

### 7.2.4 Micron High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.2.5 Micron Recent Developments/Updates

### 7.2.6 Micron Competitive Strengths & Weaknesses

## 7.3 Samsung

### 7.3.1 Samsung Details

### 7.3.2 Samsung Major Business

### 7.3.3 Samsung High Density NAND Flash Product and Services

### 7.3.4 Samsung High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.3.5 Samsung Recent Developments/Updates

### 7.3.6 Samsung Competitive Strengths & Weaknesses

## 7.4 Cypress



- 7.4.1 Cypress Details
- 7.4.2 Cypress Major Business
- 7.4.3 Cypress High Density NAND Flash Product and Services
- 7.4.4 Cypress High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.4.5 Cypress Recent Developments/Updates
- 7.4.6 Cypress Competitive Strengths & Weaknesses
- 7.5 Winbond
  - 7.5.1 Winbond Details
  - 7.5.2 Winbond Major Business
  - 7.5.3 Winbond High Density NAND Flash Product and Services
  - 7.5.4 Winbond High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 Winbond Recent Developments/Updates
  - 7.5.6 Winbond Competitive Strengths & Weaknesses
- 7.6 Macronix
  - 7.6.1 Macronix Details
  - 7.6.2 Macronix Major Business
  - 7.6.3 Macronix High Density NAND Flash Product and Services
  - 7.6.4 Macronix High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Macronix Recent Developments/Updates
  - 7.6.6 Macronix Competitive Strengths & Weaknesses
- 7.7 GigaDevice
  - 7.7.1 GigaDevice Details
  - 7.7.2 GigaDevice Major Business
  - 7.7.3 GigaDevice High Density NAND Flash Product and Services
  - 7.7.4 GigaDevice High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 GigaDevice Recent Developments/Updates
  - 7.7.6 GigaDevice Competitive Strengths & Weaknesses
- 7.8 ATO Solution
  - 7.8.1 ATO Solution Details
  - 7.8.2 ATO Solution Major Business
  - 7.8.3 ATO Solution High Density NAND Flash Product and Services
  - 7.8.4 ATO Solution High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.8.5 ATO Solution Recent Developments/Updates
  - 7.8.6 ATO Solution Competitive Strengths & Weaknesses

## 7.9 SkyHigh Memory

### 7.9.1 SkyHigh Memory Details

### 7.9.2 SkyHigh Memory Major Business

### 7.9.3 SkyHigh Memory High Density NAND Flash Product and Services

### 7.9.4 SkyHigh Memory High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.9.5 SkyHigh Memory Recent Developments/Updates

### 7.9.6 SkyHigh Memory Competitive Strengths & Weaknesses

## 7.10 SLC NAND

### 7.10.1 SLC NAND Details

### 7.10.2 SLC NAND Major Business

### 7.10.3 SLC NAND High Density NAND Flash Product and Services

### 7.10.4 SLC NAND High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.10.5 SLC NAND Recent Developments/Updates

### 7.10.6 SLC NAND Competitive Strengths & Weaknesses

## 7.11 Frontgrad

### 7.11.1 Frontgrad Details

### 7.11.2 Frontgrad Major Business

### 7.11.3 Frontgrad High Density NAND Flash Product and Services

### 7.11.4 Frontgrad High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.11.5 Frontgrad Recent Developments/Updates

### 7.11.6 Frontgrad Competitive Strengths & Weaknesses

## 7.12 Kioxia

### 7.12.1 Kioxia Details

### 7.12.2 Kioxia Major Business

### 7.12.3 Kioxia High Density NAND Flash Product and Services

### 7.12.4 Kioxia High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.12.5 Kioxia Recent Developments/Updates

### 7.12.6 Kioxia Competitive Strengths & Weaknesses

## 7.13 WDC

### 7.13.1 WDC Details

### 7.13.2 WDC Major Business

### 7.13.3 WDC High Density NAND Flash Product and Services

### 7.13.4 WDC High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)

### 7.13.5 WDC Recent Developments/Updates

- 7.13.6 WDC Competitive Strengths & Weaknesses
- 7.14 SK Hynix
  - 7.14.1 SK Hynix Details
  - 7.14.2 SK Hynix Major Business
  - 7.14.3 SK Hynix High Density NAND Flash Product and Services
  - 7.14.4 SK Hynix High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.14.5 SK Hynix Recent Developments/Updates
  - 7.14.6 SK Hynix Competitive Strengths & Weaknesses
- 7.15 Intel
  - 7.15.1 Intel Details
  - 7.15.2 Intel Major Business
  - 7.15.3 Intel High Density NAND Flash Product and Services
  - 7.15.4 Intel High Density NAND Flash Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.15.5 Intel Recent Developments/Updates
  - 7.15.6 Intel Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 High Density NAND Flash Industry Chain
- 8.2 High Density NAND Flash Upstream Analysis
  - 8.2.1 High Density NAND Flash Core Raw Materials
  - 8.2.2 Main Manufacturers of High Density NAND Flash Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 High Density NAND Flash Production Mode
- 8.6 High Density NAND Flash Procurement Model
- 8.7 High Density NAND Flash Industry Sales Model and Sales Channels
  - 8.7.1 High Density NAND Flash Sales Model
  - 8.7.2 High Density NAND Flash Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



## List Of Tables

### LIST OF TABLES

- Table 1. World High Density NAND Flash Production Value by Region (2018, 2022 and 2029) & (USD Million)
- Table 2. World High Density NAND Flash Production Value by Region (2018-2023) & (USD Million)
- Table 3. World High Density NAND Flash Production Value by Region (2024-2029) & (USD Million)
- Table 4. World High Density NAND Flash Production Value Market Share by Region (2018-2023)
- Table 5. World High Density NAND Flash Production Value Market Share by Region (2024-2029)
- Table 6. World High Density NAND Flash Production by Region (2018-2023) & (K Units)
- Table 7. World High Density NAND Flash Production by Region (2024-2029) & (K Units)
- Table 8. World High Density NAND Flash Production Market Share by Region (2018-2023)
- Table 9. World High Density NAND Flash Production Market Share by Region (2024-2029)
- Table 10. World High Density NAND Flash Average Price by Region (2018-2023) & (US\$/Unit)
- Table 11. World High Density NAND Flash Average Price by Region (2024-2029) & (US\$/Unit)
- Table 12. High Density NAND Flash Major Market Trends
- Table 13. World High Density NAND Flash Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)
- Table 14. World High Density NAND Flash Consumption by Region (2018-2023) & (K Units)
- Table 15. World High Density NAND Flash Consumption Forecast by Region (2024-2029) & (K Units)
- Table 16. World High Density NAND Flash Production Value by Manufacturer (2018-2023) & (USD Million)
- Table 17. Production Value Market Share of Key High Density NAND Flash Producers in 2022
- Table 18. World High Density NAND Flash Production by Manufacturer (2018-2023) & (K Units)
- Table 19. Production Market Share of Key High Density NAND Flash Producers in 2022
- Table 20. World High Density NAND Flash Average Price by Manufacturer (2018-2023)

& (US\$/Unit)

Table 21. Global High Density NAND Flash Company Evaluation Quadrant

Table 22. World High Density NAND Flash Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and High Density NAND Flash Production Site of Key Manufacturer

Table 24. High Density NAND Flash Market: Company Product Type Footprint

Table 25. High Density NAND Flash Market: Company Product Application Footprint

Table 26. High Density NAND Flash Competitive Factors

Table 27. High Density NAND Flash New Entrant and Capacity Expansion Plans

Table 28. High Density NAND Flash Mergers & Acquisitions Activity

Table 29. United States VS China High Density NAND Flash Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China High Density NAND Flash Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China High Density NAND Flash Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based High Density NAND Flash Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers High Density NAND Flash Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers High Density NAND Flash Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers High Density NAND Flash Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers High Density NAND Flash Production Market Share (2018-2023)

Table 37. China Based High Density NAND Flash Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers High Density NAND Flash Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers High Density NAND Flash Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers High Density NAND Flash Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers High Density NAND Flash Production Market Share (2018-2023)

Table 42. Rest of World Based High Density NAND Flash Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers High Density NAND Flash Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers High Density NAND Flash Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers High Density NAND Flash Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers High Density NAND Flash Production Market Share (2018-2023)

Table 47. World High Density NAND Flash Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World High Density NAND Flash Production by Type (2018-2023) & (K Units)

Table 49. World High Density NAND Flash Production by Type (2024-2029) & (K Units)

Table 50. World High Density NAND Flash Production Value by Type (2018-2023) & (USD Million)

Table 51. World High Density NAND Flash Production Value by Type (2024-2029) & (USD Million)

Table 52. World High Density NAND Flash Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World High Density NAND Flash Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World High Density NAND Flash Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World High Density NAND Flash Production by Application (2018-2023) & (K Units)

Table 56. World High Density NAND Flash Production by Application (2024-2029) & (K Units)

Table 57. World High Density NAND Flash Production Value by Application (2018-2023) & (USD Million)

Table 58. World High Density NAND Flash Production Value by Application (2024-2029) & (USD Million)

Table 59. World High Density NAND Flash Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World High Density NAND Flash Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Toshiba Basic Information, Manufacturing Base and Competitors

Table 62. Toshiba Major Business

Table 63. Toshiba High Density NAND Flash Product and Services

Table 64. Toshiba High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)



Table 65. Toshiba Recent Developments/Updates
Table 66. Toshiba Competitive Strengths & Weaknesses
Table 67. Micron Basic Information, Manufacturing Base and Competitors
Table 68. Micron Major Business
Table 69. Micron High Density NAND Flash Product and Services
Table 70. Micron High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 71. Micron Recent Developments/Updates
Table 72. Micron Competitive Strengths & Weaknesses
Table 73. Samsung Basic Information, Manufacturing Base and Competitors
Table 74. Samsung Major Business
Table 75. Samsung High Density NAND Flash Product and Services
Table 76. Samsung High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 77. Samsung Recent Developments/Updates
Table 78. Samsung Competitive Strengths & Weaknesses
Table 79. Cypress Basic Information, Manufacturing Base and Competitors
Table 80. Cypress Major Business
Table 81. Cypress High Density NAND Flash Product and Services
Table 82. Cypress High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 83. Cypress Recent Developments/Updates
Table 84. Cypress Competitive Strengths & Weaknesses
Table 85. Winbond Basic Information, Manufacturing Base and Competitors
Table 86. Winbond Major Business
Table 87. Winbond High Density NAND Flash Product and Services
Table 88. Winbond High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 89. Winbond Recent Developments/Updates
Table 90. Winbond Competitive Strengths & Weaknesses
Table 91. Macronix Basic Information, Manufacturing Base and Competitors
Table 92. Macronix Major Business
Table 93. Macronix High Density NAND Flash Product and Services
Table 94. Macronix High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 95. Macronix Recent Developments/Updates
Table 96. Macronix Competitive Strengths & Weaknesses
Table 97. GigaDevice Basic Information, Manufacturing Base and Competitors
Table 98. GigaDevice Major Business

Table 99. GigaDevice High Density NAND Flash Product and Services

Table 100. GigaDevice High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 101. GigaDevice Recent Developments/Updates

Table 102. GigaDevice Competitive Strengths & Weaknesses

Table 103. ATO Solution Basic Information, Manufacturing Base and Competitors

Table 104. ATO Solution Major Business

Table 105. ATO Solution High Density NAND Flash Product and Services

Table 106. ATO Solution High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 107. ATO Solution Recent Developments/Updates

Table 108. ATO Solution Competitive Strengths & Weaknesses

Table 109. SkyHigh Memory Basic Information, Manufacturing Base and Competitors

Table 110. SkyHigh Memory Major Business

Table 111. SkyHigh Memory High Density NAND Flash Product and Services

Table 112. SkyHigh Memory High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 113. SkyHigh Memory Recent Developments/Updates

Table 114. SkyHigh Memory Competitive Strengths & Weaknesses

Table 115. SLC NAND Basic Information, Manufacturing Base and Competitors

Table 116. SLC NAND Major Business

Table 117. SLC NAND High Density NAND Flash Product and Services

Table 118. SLC NAND High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. SLC NAND Recent Developments/Updates

Table 120. SLC NAND Competitive Strengths & Weaknesses

Table 121. Frontgrad Basic Information, Manufacturing Base and Competitors

Table 122. Frontgrad Major Business

Table 123. Frontgrad High Density NAND Flash Product and Services

Table 124. Frontgrad High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Frontgrad Recent Developments/Updates

Table 126. Frontgrad Competitive Strengths & Weaknesses

Table 127. Kioxia Basic Information, Manufacturing Base and Competitors

Table 128. Kioxia Major Business

Table 129. Kioxia High Density NAND Flash Product and Services
Table 130. Kioxia High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 131. Kioxia Recent Developments/Updates
Table 132. Kioxia Competitive Strengths & Weaknesses
Table 133. WDC Basic Information, Manufacturing Base and Competitors
Table 134. WDC Major Business
Table 135. WDC High Density NAND Flash Product and Services
Table 136. WDC High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 137. WDC Recent Developments/Updates
Table 138. WDC Competitive Strengths & Weaknesses
Table 139. SK Hynix Basic Information, Manufacturing Base and Competitors
Table 140. SK Hynix Major Business
Table 141. SK Hynix High Density NAND Flash Product and Services
Table 142. SK Hynix High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 143. SK Hynix Recent Developments/Updates
Table 144. Intel Basic Information, Manufacturing Base and Competitors
Table 145. Intel Major Business
Table 146. Intel High Density NAND Flash Product and Services
Table 147. Intel High Density NAND Flash Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 148. Global Key Players of High Density NAND Flash Upstream (Raw Materials)
Table 149. High Density NAND Flash Typical Customers
Table 150. High Density NAND Flash Typical Distributors

## List Of Figures

### LIST OF FIGURES

Figure 1. High Density NAND Flash Picture

Figure 2. World High Density NAND Flash Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World High Density NAND Flash Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World High Density NAND Flash Production (2018-2029) & (K Units)

Figure 5. World High Density NAND Flash Average Price (2018-2029) & (US\$/Unit)

Figure 6. World High Density NAND Flash Production Value Market Share by Region (2018-2029)

Figure 7. World High Density NAND Flash Production Market Share by Region (2018-2029)

Figure 8. North America High Density NAND Flash Production (2018-2029) & (K Units)

Figure 9. Europe High Density NAND Flash Production (2018-2029) & (K Units)

Figure 10. China High Density NAND Flash Production (2018-2029) & (K Units)

Figure 11. Japan High Density NAND Flash Production (2018-2029) & (K Units)

Figure 12. South Korea High Density NAND Flash Production (2018-2029) & (K Units)

Figure 13. High Density NAND Flash Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World High Density NAND Flash Consumption (2018-2029) & (K Units)

Figure 16. World High Density NAND Flash Consumption Market Share by Region (2018-2029)

Figure 17. United States High Density NAND Flash Consumption (2018-2029) & (K Units)

Figure 18. China High Density NAND Flash Consumption (2018-2029) & (K Units)

Figure 19. Europe High Density NAND Flash Consumption (2018-2029) & (K Units)

Figure 20. Japan High Density NAND Flash Consumption (2018-2029) & (K Units)

Figure 21. South Korea High Density NAND Flash Consumption (2018-2029) & (K Units)

Figure 22. ASEAN High Density NAND Flash Consumption (2018-2029) & (K Units)

Figure 23. India High Density NAND Flash Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of High Density NAND Flash by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for High Density NAND Flash Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for High Density NAND Flash

## Markets in 2022

Figure 27. United States VS China: High Density NAND Flash Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: High Density NAND Flash Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: High Density NAND Flash Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers High Density NAND Flash Production Market Share 2022

Figure 31. China Based Manufacturers High Density NAND Flash Production Market Share 2022

Figure 32. Rest of World Based Manufacturers High Density NAND Flash Production Market Share 2022

Figure 33. World High Density NAND Flash Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World High Density NAND Flash Production Value Market Share by Type in 2022

Figure 35. 128GB

Figure 36. 256GB

Figure 37. Others

Figure 38. World High Density NAND Flash Production Market Share by Type (2018-2029)

Figure 39. World High Density NAND Flash Production Value Market Share by Type (2018-2029)

Figure 40. World High Density NAND Flash Average Price by Type (2018-2029) & (US\$/Unit)

Figure 41. World High Density NAND Flash Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 42. World High Density NAND Flash Production Value Market Share by Application in 2022

Figure 43. SSDs

Figure 44. Tablets

Figure 45. USB Drives

Figure 46. Others

Figure 47. World High Density NAND Flash Production Market Share by Application (2018-2029)

Figure 48. World High Density NAND Flash Production Value Market Share by Application (2018-2029)

Figure 49. World High Density NAND Flash Average Price by Application (2018-2029) &

(US\$/Unit)

Figure 50. High Density NAND Flash Industry Chain

Figure 51. High Density NAND Flash Procurement Model

Figure 52. High Density NAND Flash Sales Model

Figure 53. High Density NAND Flash Sales Channels, Direct Sales, and Distribution

Figure 54. Methodology

Figure 55. Research Process and Data Source

## I would like to order

Product name: Global High Density NAND Flash Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GEFE09F6B914EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GEFE09F6B914EN.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