

# Global Universal Flash Storage (UFS) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Universal Flash Storage (UFS) market size was valued at USD 1565.8 million in 2023 and is forecast to a readjusted size of USD 2422.2 million by 2030 with a CAGR of 6.4% during review period.

Universal Flash Storage (UFS) is a high-speed, high-performance flash storage interface designed primarily for mobile devices. It is capable of providing fast data transfer rates and low latency, making it suitable for applications that require quick data access, such as smartphones, tablets, and digital cameras. UFS offers significantly higher performance compared to its predecessor, eMMC (embedded MultiMediaCard), by implementing a serial interface and utilizing a more advanced command and queuing structure. This enables UFS to achieve faster read and write speeds, as well as reduced power consumption. UFS supports both single-lane and multi-lane configurations, with each lane capable of achieving speeds up to 5.8 Gbps (gigabits per second). It also supports multiple power modes to help optimize energy usage. In addition to its superior performance, UFS provides features like command-based error reporting, advanced wear leveling, and security features like data encryption to ensure the integrity and confidentiality of stored data.

Global key players of Universal Flash Storage (UFS) include Company, Samsung, KIOXIA, SK Hynix and Western Digital, etc. The top five manufacturers hold a share over 95%.

Asia-Pacific is the largest market of Universal Flash Storage (UFS), holds a share over 75%, followed by North America and Europe.

In terms of application, the largest application is 3C Product, with a share over 95%.

The Global Info Research report includes an overview of the development of the Universal Flash Storage (UFS) industry chain, the market status of 3C Product (UFS 2.X, UFS 3.X), Automobile (UFS 2.X, UFS 3.X), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Universal Flash Storage (UFS).

Regionally, the report analyzes the Universal Flash Storage (UFS) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Universal Flash Storage (UFS) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

**Key Features:**

The report presents comprehensive understanding of the Universal Flash Storage (UFS) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Universal Flash Storage (UFS) industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Pieces), revenue generated, and market share of different by Type (e.g., UFS 2.X, UFS 3.X).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Universal Flash Storage (UFS) market.

**Regional Analysis:** The report involves examining the Universal Flash Storage (UFS) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future

projections and forecasts for the Universal Flash Storage (UFS) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Universal Flash Storage (UFS):

**Company Analysis:** Report covers individual Universal Flash Storage (UFS) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Universal Flash Storage (UFS). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (3C Product, Automobile).

**Technology Analysis:** Report covers specific technologies relevant to Universal Flash Storage (UFS). It assesses the current state, advancements, and potential future developments in Universal Flash Storage (UFS) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Universal Flash Storage (UFS) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Universal Flash Storage (UFS) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

## Market segment by Type

### UFS 2.X

UFS 3.X

UFS 4.X

Others

#### Market segment by Application

3C Product

Automobile

Others

#### Major players covered

Samsung

KIOXIA

SK Hynix

Western Digital

Micron Technology

Phison

Silicon Motion

Kingston Technology

Shenzhen BIWIN

Yangtze Memory Technology Corp

Longsys

ICMAX

Shenzhen Shichuangyi Electronics

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Universal Flash Storage (UFS) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Universal Flash Storage (UFS), with price, sales, revenue and global market share of Universal Flash Storage (UFS) from 2019 to 2024.

Chapter 3, the Universal Flash Storage (UFS) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Universal Flash Storage (UFS) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Universal Flash Storage (UFS) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Universal Flash Storage (UFS).

Chapter 14 and 15, to describe Universal Flash Storage (UFS) sales channel, distributors, customers, research findings and conclusion.

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