



Hard disk Market – Global Industry Analysis and Forecast (2025-2032)

Summary

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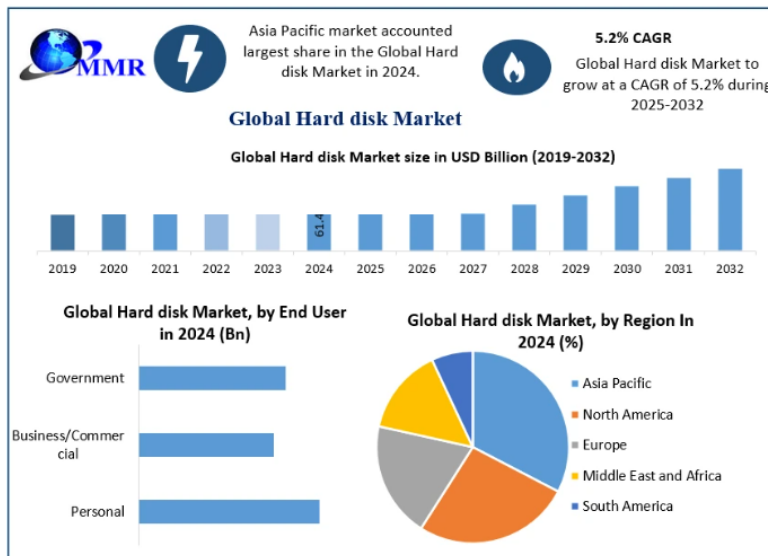
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The **Hard disk Market** size was valued at USD 61.47 Billion in 2024 and the total Hard disk revenue is expected to grow at a CAGR of 5.2% from 2025 to 2032, reaching nearly USD 92.22 Billion.

Hard disk Market Overview:

Hard discs are non-volatile computer storage systems that consist of rotating magnetic discs or platters. It is a permanent data storage device that is utilized as a secondary storage device. Data may be accessible directly since the disc rotates at a faster pace. During the forecast period, the worldwide hard disk market is expected to develop significantly. Manufacturers of hard disc drives (HDDs) are aggressively investing in modern technologies in order to provide the most effective [data storage](#) facilities to businesses and individuals. Consider the usage of sophisticated aluminum substrates, which has grown in importance and popularity among HDD makers in recent years.



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COVID-19 impact on global hard disk market:

COVID-19 has had an influence on a variety of industries around the world, resulting in travel prohibitions, global lockdown, and a delay in numerous enterprises' supply chains. Due to the uncertain location of digital gadgets, the semiconductor industry has also been severely impacted by the continuing unprecedented occurrence, with a dramatic drop in revenues. Despite the increasing uncertainty, semiconductor makers, particularly HDD manufacturers, try to maintain operations and focus on long-term strategy. With persistent commercial stability, many semiconductor manufacturers collaborate with their partners and specific markets.

Hard disk Market Dynamics:

The hard disk is an electromechanical data storage device that uses magnetic storage to store and retrieve digital data using one or more rigid rapidly rotating platters coated with magnetic material. Hard disk manufacturers are significantly investing in advanced technologies to offer the most efficient data storage facilities to enterprises as well as individuals. Presently, the hard disk market is focused on Seagate, Western Digital Corporation, and Toshiba are estimated to more than xx% of the market share in 2024. The global hard disk market is driven by the increasing need for data storage facilities among enterprises as well as the introduction of advanced and reliable SSDs.

About This Report

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However, the high cost of the hard disk is restraining the market growth at the global level. Widespread adoption of cloud computing and significant development and expansion of IoT in various applications are expected to create beneficial opportunities for the key player in the market during the forecast period.

Hard disk Market segment analysis:

The Global Hard disk Market is segmented into Type, and Application.

Based on type, the hard disk drive (HDD) segment has led the hard disk market in 2024 and is estimated to generate more than US\$ xx Mn market revenue by 2032, with a CAGR of xx%. The higher demand for HDDs and its extensively used in personal computers and data centres due to HDDs are inexpensive as compared to SSDs, their demand is higher. e.g., Microsoft Corporation announced to terminate the service of the Windows 7 operating system by 2024.

Global Hard disk Market by Type In 2024 (%)



Based on application, in 2032, the notebook category is expected to lead the global hard disc market, with a market value of \$25.81 billion. Depending on the application, several sorts of storage configurations are used by notebooks with various use cases. The market is seeing an increase in demand for notebook PCs having both an HDD and an SSD.

Hard disk Market Regional Insight:

Asia Pacific held the dominant market share of xx% in 2024 and is expected to maintain a leading position in the market during the forecast period. China and Japan are major contributors to regional market growth. Among these, china accounted for the prominent market share of xx% in 2024 and is expected to reach US\$ Mn by the end of 2032, with a CAGR of 7.0%. Owing to the presence of a large number of manufacturing firms and the availability of low-cost raw materials as well as inexpensive labor.

But, Japan is expected to grow at the CAGR of xx% during the forecast period thanks to the Japanese market is likely to offer lucrative opportunities for vendors operating in the hard disk market. Key players in the market are highly investing in research and development activities for the introduction of the advanced had disk is predicted to accelerate the growth of this region in the near future.

The objective of the report is to present a comprehensive analysis of the global Hard disk market to the stakeholders in the industry. The past and current status of the industry with the forecasted market size and trends are presented in the report with the analysis of complicated data in simple language. The report covers all the aspects of the industry with a dedicated study of key players that include market leaders, followers, and new entrants.

PORTER, PESTEL analysis with the potential impact of micro-economic factors of the market have been presented in the report. External as well as internal factors that are supposed to affect the business positively or negatively have been analyzed, which will give a clear futuristic view of the industry to the decision-makers.

The report also helps in understanding the global market dynamics, structure by analyzing the market segments and projects the global market size. Clear representation of competitive analysis of key players by product, price, financial position, product portfolio, growth strategies, and regional presence in the global market make the report investor's guide.

Global Hard disk Market Scope: [Inquire before buying](#)

Hard disk Market			
Report Coverage	Details		
Base Year:	2024	Forecast Period:	2025-2032
Historical Data:	2018 to 2024	Market Size in 2024:	USD 61.47 Bn.
Forecast Period 2025 to 2032 CAGR:	5.2%	Market Size in 2032:	USD 92.22 Bn.
Segments Covered:	by Type	Hard Disk Drive (HDD) Solid State Drives (SSD) Hybrid Disk Drives (HHD) Others	
	by Storage Capacity	Less than 500 GB 500 GB-1TB Above 1TB	
	by End User	Personal Business/Commercial Government	

Global Hard disk Market, by Region

North America (United States, Canada and Mexico)

Europe (UK, France, Germany, Italy, Spain, Sweden, Austria, Turkey, Russia and Rest of Europe)

Asia Pacific (China, India, Japan, South Korea, Australia, ASEAN and Rest of APAC)

Middle East and Africa (South Africa, GCC, Egypt, Nigeria and Rest of ME&A)

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

Hard disk Market, Key Players are:

1. [Samsung Electronics](#)
2. ADATA Technology Co., Ltd.
3. Transcend Information, Inc.
4. Silicon Power
5. Seagate Technology
6. Dell Technologies Inc.
7. Western digital
8. ioSafe
9. Acer Inc.
10. Lenovo Group Limited
11. HP Inc.
12. Toshiba Corporation
13. Sony Group Corporation
14. [Apple Inc.](#)
15. SK Hynix Inc.
16. Micron Technology Inc.
17. SanDisk
18. [Kingston Technology](#)
19. Sabrent
20. SSSTC

Frequently Asked Questions:

1. Which region has the largest share in Global Market?

Ans: Asia pacific region holds the highest share in 2024.

2. What is the growth rate of Global Market?

Ans: The Global Market is growing at a CAGR of 5.2% during forecasting period 2025-2032.

3. What segments are covered in Global market?

Ans: Global Market is segmented into by type, By storage capacity, By End User.

4. Who are the key players in Global market?

Ans: The important key players in the Global Market are – Western Digital Co, Seagate Technology, Toshiba Co, Sony Co, Transcend Information., Samsung Electronics, ADATA Technology Co, Hewlett Packard Enterprise, Apple Inc., Quantum Corp., SK Hynix Inc., Intel Corporation.

5. What was the Global Hard disk Market size in 2024?

Ans: The Global Hard disk Market size was USD 61.47 Billion in 2024.

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