

Global Large Capacity Mechanical Hard Drive (Above 20 GB) Market 2025 by Manufacturers, Regions, Type and Application, Forecast to 2031

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Abstracts

According to our (Global Info Research) latest study, the global Large Capacity Mechanical Hard Drive (Above 20 GB) market size was valued at US\$ 55.6 million in 2024 and is forecast to a readjusted size of USD 86.6 million by 2031 with a CAGR of 7.0% during review period.

High-capacity mechanical hard disks refer to traditional rotating hard disk drives (HDDs) with larger capacity, which are specially designed for storing large data sets. High-capacity hard disks usually have a capacity range of 20TB and above, and are suitable for scenarios that require the storage of large amounts of data, such as enterprise-level data centers, personal backups, NAS systems, and surveillance video storage.

This report is a detailed and comprehensive analysis for global Large Capacity Mechanical Hard Drive (Above 20 GB) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Large Capacity Mechanical Hard Drive (Above 20 GB) market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Large Capacity Mechanical Hard Drive (Above 20 GB) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Large Capacity Mechanical Hard Drive (Above 20 GB) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2020-2031

Global Large Capacity Mechanical Hard Drive (Above 20 GB) market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2020-2025

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Large Capacity Mechanical Hard Drive (Above 20 GB)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Large Capacity Mechanical Hard Drive (Above 20 GB) market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Western Digital, Toshiba, Seagate, HGST, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Large Capacity Mechanical Hard Drive (Above 20 GB) market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting

qualified niche markets.

Market segment by Type

Working Speed: Less Than 5400 RPM

Working Speed: 5400-7200 RPM

Working Speed: Above or Equal to 7200 RPM

Market segment by Application

Data Center

NAS

Other

Major players covered

Western Digital

Toshiba

Seagate

HGST

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 Large Capacity Mechanical Hard Drive (Above 20 GB) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Large Capacity Mechanical Hard Drive (Above 20 GB), with price, sales quantity, revenue, and global market share of Large Capacity Mechanical Hard Drive (Above 20 GB) from 2020 to 2025.

Chapter 3, the Large Capacity Mechanical Hard Drive (Above 20 GB) competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Large Capacity Mechanical Hard Drive (Above 20 GB) breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2020 to 2031.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2020 to 2031.

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 2020 to 2025. and Large Capacity Mechanical Hard Drive (Above 20 GB) market forecast, by regions, by Type, and by Application, with sales and revenue, from 2026 to 2031.

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 Large Capacity Mechanical Hard Drive (Above 20 GB).

Chapter 14 and 15, to describe Large Capacity Mechanical Hard Drive (Above 20 GB) sales channel, distributors, customers, research findings and conclusion.

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