

# **Global AI-powered Storage Market Size study, By Offering (Hardware, Software), By Storage System (Direct-attached Storage (DAS), Network-attached Storage (NAS), Storage Area Network (SAN)), By Storage Architecture (File- and Object-Based Storage, Object Storage), By End-User (Enterprises, Government Bodies, Cloud Service Providers, Telecom Companies), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global AI-powered Storage Market is valued at approximately USDXX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2028. AI-powered storage is a smart storage system that employs artificial intelligence to continuously learn and adapt to its hybrid cloud environment in order to effectively manage and serve data. It can be installed as a virtual appliance, hardware, or cloud service. Surging demand for cloud-based services, rising adoption of AI in HPC data centers, thriving growth in data volumes, and rise in data volumes are the several key factors that are bolstering the market demand across the globe. For instance, according to Statista, the high-performance computing-based artificial intelligence generates the revenue of USD 667 million in machine learning, USD 209 million in deep learning, and other AI in HPC USD 42 million. Also, the amount is projected to grow and reached USD 1569 million in machine learning, USD 1133 million in deep learning, and other AI in HPC USD 204 million. Thereby, the surging adoption of AI in HPC data centers is fueling the demand for AI-powered storage, which, in turn, accelerates the market growth worldwide. However, the lack of data security in the cloud- and server-based services and the dearth of AI Hardware professionals impede

the growth of the market over the forecast period of 2022-2028. Also, the rising number of cross-industry partnerships and collaborations and the growing availability and rapid development of useful data analysis tools are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global AI-powered Storage Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the rising acceptance of the emerging technologies and growing adoption of cloud-based services. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the increasing government policies for promoting the adoption of AI-powered storage systems, as well as the surging adoption of connected devices, would create lucrative growth prospects for the AI-powered Storage Market across the Asia-Pacific region.

Major market players included in this report are:

Intel Corporation

NVIDIA Corporation

IBM Corporation

Samsung Electronics Co. Ltd.

NetApp

Micron Technology

CISCO

Toshiba

Lenovo

Dell Technologies

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Offering:

Hardware

Software

By Storage System:

Direct-attached Storage (DAS)  
Network-attached Storage (NAS)  
Storage Area Network (SAN)

By Storage Architecture:

File- and Object-Based Storage  
Object Storage

By End-User:

Enterprises  
Government Bodies  
Cloud Service Providers  
Telecom Companies

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global AI-powered Storage Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

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