

Global Next Generation Data Storage Technologies Market Growth (Status and Outlook) 2024-2030

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Abstracts

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According to this study, the global Next Generation Data Storage Technologies market size will reach US\$ 171.6 million by 2030.

If the Industrial Internet were a human body, big data would be its spine. If we value a good, healthy posture, then we need to take care of that spine, and in terms of information, that means storing, managing, and using it effectively. The Industrial Internet demands quick, scalable, robust, compatible, immediate access to data with the ability to run complex analytics in a reliable, secure manner over vast distances across the globe.

In the past, data storage was intimately tied to physical media like hard drives, server arrays, and networks. With the cloud, and technologies like Hadoop, distributed storage has liberated a lot of the burdens of physical media. Distributed storage has its own challenges, though, like how to arrange data in the most optimal way for queries, redundancy, and onboard analytics. As more businesses embrace the Industrial Internet and face these challenges, people are starting to think about data storage in new ways to meet these concerns. There are a few of the more interesting paradigms in next-gen data storage, including Software-Defined Storage, Cloud Storage and Optical Storage, etc.

This report presents a comprehensive overview, market shares, and growth opportunities of Next Generation Data Storage Technologies market by product type, application, key players and key regions and countries.

Segmentation by product type:

All Flash Arrays

Magnetic Storage

Cloud Based Storage

Hybrid Storage Arrays

Software Defined Storage

Holographic Data Storage

Others

Segmentation by Application:

BFSI

Government

Military & Defense

Manufacturing

Transportation & Logistics

Others

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Dell

IBM

Vmware

HPE

Sandisk

Micron Technology

Nutanix

Netapp

Toshiba

Quantum Corporation

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