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AI-Powered Storage Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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AI-Powered Storage Trends and Forecast

The future of the global AI-powered storage market looks promising with opportunities in the enterprise, government, cloud service provider, and telecom markets. The global AI-powered storage market is expected to reach an estimated $73.6 billion by 2030 with a CAGR of 21.8% from 2024 to 2030. The major drivers for this market are enormous increase in data volumes, growing demand for modernized storage architecture in enterprise infrastructure, and rising use of cloud-based services.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

AI-Powered Storage by Segment

The study includes a forecast for the global AI-Powered storage by offering, storage system, storage medium, end use industry, and region.

AI-Powered Storage Market by Offering [Shipment Analysis by Value from 2018 to 2030]:

Hardware

Software

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AI-Powered Storage Market by Storage System [Shipment Analysis by Value from 2018 to 2030]:

Direct-Attached Storage (DAS)

Network-Attached Storage (NAS)

Storage Area Network (SAN)

AI-Powered Storage Market by Storage Medium [Shipment Analysis by Value from 2018 to 2030]:

Hard Disk Drive (HDD)

Solid State Drive (SSD)

AI-Powered Storage Market by End Use Industry [Shipment Analysis by Value from 2018 to 2030]:

Enterprises

Government

Cloud Service Providers

Telecom

AI-Powered Storage Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

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The Rest of the World

List of AI-Powered Storage Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies AI-Powered storage companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the AI-Powered storage companies profiled in this report include-

Intel

NVIDIA

IBM

Pure Storage

NetApp

Micron Technology

CISCO

Dell Technologies

HPE

AI-Powered Storage Market Insights

Lucintel forecasts that storage area network is expected to witness highest growth over the forecast period due to its significant usage among small- and mid-sized companies given to their low implementation costs and ability to virtualize datacenters.

North America is expected to witness highest growth over the forecast period due to

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presence of top data storage companies, existence of tech-savvy population, and rapid digitalization in the region.

Features of the Global AI-Powered Storage Market

Market Size Estimates: AI-powered storage market size estimation in terms of value ($B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: AI-powered storage market by various segments, such as by offering, storage system, storage medium, end use industry and region in terms of($B).

Regional Analysis: AI-powered storage market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different offerings, storage systems, storage mediums, end use industries, and regions for the AI-powered storage market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the AI-powered storage market.

Analysis of competitive intensity of the industry based on Porter’s Five Forces model.

FAQ

Q.1 What is the AI-powered storage market size?

Answer: The global AI-powered storage market is expected to reach an estimated $73.6 billion by 2030.

Q.2 What is the growth forecast for AI-powered storage market?

Answer: The global AI-powered storage market is expected to grow with a CAGR of 21.8% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of the AI-powered storage

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market?

Answer: The major drivers for this market are enormous increase in data volumes, growing demand for modernized storage architecture in enterprise infrastructure, and rising use of cloud-based services.

Q4. What are the major segments for AI-powered storage market?

Answer: The future of the AI-powered storage market looks promising with opportunities in the enterprise, government, cloud service provider, and telecom markets.

Q5. Who are the key AI-powered storage market companies?

Answer: Some of the key AI-Powered storage companies are as follows:

Intel

NVIDIA

IBM

Pure Storage

NetApp

Micron Technology

CISCO

Dell Technologies

HPE

Q6. Which AI-powered storage market segment will be the largest in future?

Answer: Lucintel forecasts that storage area network is expected to witness highest growth over the forecast period due to its significant usage among small- and mid-sized companies given to their low implementation costs and ability to virtualize datacenters.

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Q7. In AI-powered storage market, which region is expected to be the largest in next 5 years?

Answer: North America is expected to witness highest growth over the forecast period due to presence of top data storage companies, existence of tech-savvy population, and rapid digitalization in the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the AI-powered storage market by offering (hardware and software), storage system (direct-attached storage (DAS), network-attached storage (NAS), and storage area network (SAN)), storage medium (hard disk drive (HDD) and solid state drive (SSD)), end use industry (enterprises, government, cloud service providers, and telecom), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

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Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Ai-Powered Storage Market, Ai-Powered Storage Market Size, Ai-Powered Storage Market Growth, Ai-Powered Storage Market Analysis, Ai-Powered Storage Market Report, Ai-Powered Storage Market Share, Ai-Powered Storage Market Trends, Ai-Powered Storage Market Forecast, Ai-Powered Storage Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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Contents

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5. COMPETITOR ANALYSIS

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

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