

# **AI Powered Storage Market Size, Share & Trends Analysis Report By Component, By Storage System (Direct-attached Storage, Network-attached Storage, Storage Area Network), By Storage Medium, By End-user, By Region, And Segment Forecasts, 2025 - 2030**

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## **Abstracts**

This report can be delivered to the clients within 5 Business Days

### **AI Powered Storage Market Size & Trends**

The global AI powered storage market size was estimated at USD 30.57 billion in 2024 and is projected to grow at a CAGR of 25.9% from 2025 to 2030. AI powered storage solutions use artificial intelligence to make storing and accessing data more efficient, secure, and streamlined. These systems handle tasks such as managing data, planning storage capacity, and monitoring security automatically, allowing IT teams to concentrate on more important, high-level projects. The demand for AI powered storage is anticipated to be driven by the rapid increase in data, the spread of cloud services, and the rising need for AI in high-performance computing (HPC) centers. The upgradation in storage systems also drives this growth, the rise of data analytics, and the growing use of AI tools to handle and organize business data.

There are key initiatives of major companies for AI powered storage industry. For instance, in April 2025, Lenovo announced its largest-ever data storage portfolio refresh, unveiling 21 new ThinkSystem and ThinkAgile models optimized for AI, virtualization, and sustainability. The new solutions feature industry-first liquid-cooled hyperconverged infrastructure appliances, AI Starter Kits, and converged hybrid cloud offerings designed to accelerate IT modernization and support enterprise AI workloads. These innovations deliver up to 3x faster performance, significant energy savings, and

enhanced security with AI-powered ransomware protection. With this launch, Lenovo empowers organizations to modernize their infrastructure, streamline deployment, and confidently scale AI and data operations for the future.

## Global AI Powered Storage Market Report Segmentation

This report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2017 to 2030. For this study, Grand View Research has segmented the global industrial access control market report based on component, storage system, storage medium, end-user, and region.

### Component Outlook (Revenue, USD Million, 2017 - 2030)

Hardware

Software

### Storage System Outlook (Revenue, USD Million, 2017 - 2030)

Direct-attached Storage (DAS)

Network-attached Storage (NAS)

Storage Area Network (SAN)

### Storage Medium Outlook (Revenue, USD Million, 2017 - 2030)

Hard Disk Drive (HDD)

Solid State Drive (SSD)

### End-user Outlook (Revenue, USD Million, 2017 - 2030)

Enterprises

Government Bodies

Cloud Service Providers

## Telecom Companies

### Regional Outlook (Revenue, USD Million, 2017 - 2030)

#### North America

U.S.

Canada

Mexico

#### Europe

UK

Germany

France

#### Asia Pacific

China

India

Japan

Australia

South Korea

#### Latin America

Brazil

#### MEA

UAE

South Africa

KSA

### **Companies Mentioned**

NetApp

Dell Technologies

IBM Corporation

Pure Storage

HPE (Hewlett Packard Enterprise)

NVIDIA

Hitachi Vantara

Amazon Web Services (AWS)

Google Cloud

Microsoft Azure

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