

Cloud Native Storage Market Outlook 2025-2034: Market Share, and Growth Analysis By Component (Solution, Services), By Deployment Model (Public Cloud, Private Cloud, Hybrid Cloud), By Application, By End-use Industry

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Abstracts

The Cloud Native Storage Market is valued at USD 23.7 billion in 2025 and is projected to grow at a CAGR of 17.9% to reach USD 104.6 billion by 2034. Cloud native storage refers to data storage solutions specifically designed to work seamlessly with cloud native technologies such as containers, Kubernetes, and microservices architectures. These storage solutions integrate directly with container orchestration platforms, providing scalable, high-performance, and resilient data management capabilities. By aligning storage management with cloud native principles, organizations can ensure consistent performance, reduce complexity, and simplify data operations in dynamic cloud environments. The growing adoption of containerized applications and Kubernetes has driven the demand for cloud native storage. Traditional storage solutions often struggle to meet the agility, scalability, and portability requirements of modern cloud-native environments. Cloud native storage platforms address these challenges by offering features such as dynamic provisioning, persistent volumes, and automated replication. These capabilities enable developers and DevOps teams to focus on application development rather than storage management, ultimately accelerating time-to-market and improving operational efficiency. The cloud native storage market is rapidly evolving as enterprises embrace multi-cloud and hybrid cloud strategies. Providers are continuously enhancing their offerings with advanced features like policy-based automation, integrated data protection, and support for stateful workloads. As organizations increasingly rely on cloud native architectures to drive innovation, the adoption of cloud native storage solutions is expected to grow, enabling businesses to scale effortlessly, improve reliability, and ensure data availability in any

environment.

Key Insights Cloud Native Storage Market

- Integration of storage solutions with Kubernetes and other container orchestration platforms.
- Increasing adoption of software-defined storage for enhanced flexibility.
- Development of storage solutions optimized for stateful containerized applications.
- Growing focus on policy-driven automation and self-healing storage systems.
- Expansion of multi-cloud and hybrid cloud storage capabilities.
- Rapid adoption of containerized workloads and microservices architectures.
- Rising need for scalable, high-performance storage solutions.
- Demand for seamless integration of storage with DevOps workflows.
- Increasing emphasis on data resilience and availability.
- Complexity in managing storage across distributed environments.
- Ensuring consistent performance for stateful applications.
- Addressing security and compliance concerns in multi-cloud storage.
- Managing costs associated with scaling storage in dynamic cloud environments.

Cloud Native Storage Market Segmentation

By Component

Solution

Services

By Deployment Model

Public Cloud

Private Cloud

Hybrid Cloud

By Application

Backup

Content Delivery

Big Data And Analytics

Data Archiving

Database Storage Management

Other Applications

By End-use Industry

Banking

Financial Services And Insurance

Information Technology And Telecom

Healthcare

Retail And Consumer Goods

Manufacturing

Government

Energy And Utilities

Media And Entertainment

Other End-users

Key Companies Analysed

Microsoft Corporation

Dell Technologies Inc.

Amazon Web Services Inc.

International Business Machines Corporation

Google Cloud Platform

VMware Inc.

NetApp Inc.

Citrix Systems Inc.

Nexenta Inc.

Pure Storage Inc.

Longhorn Inc.

Scality Inc.

DataCore Software Corp.

StorCentric Inc.

Zadara Storage Inc.

Diamanti Inc.

Rookout Inc.

Kasten Inc.

Tiger Technology Ltd.

Robin.io Inc.

MinIO Inc.

WekaIO Inc.

Quobyte Inc.

Portworx Inc.

OpenEBS Inc.

Cloud Native Storage Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

Cloud Native Storage Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

Countries Covered

North America — Cloud Native Storage market data and outlook to 2034

United States

Canada

Mexico

Europe — Cloud Native Storage market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Cloud Native Storage market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Cloud Native Storage market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Cloud Native Storage market data and outlook to 2034

Brazil

Argentina

Chile

Peru

** We can include data and analysis of additional countries on demand.*

Research Methodology

This study combines primary inputs from industry experts across the Cloud Native Storage value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

Key Questions Addressed

What is the current and forecast market size of the Cloud Native Storage

industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

Your Key Takeaways from the Cloud Native Storage Market Report

Global Cloud Native Storage market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Cloud Native Storage trade, costs, and supply chains

Cloud Native Storage market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Cloud Native Storage market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Cloud Native Storage market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Cloud Native

Storage supply chain analysis

Cloud Native Storage trade analysis, Cloud Native Storage market price analysis, and Cloud Native Storage supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Cloud Native Storage market news and developments

Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

** The updated report will be delivered within 3 working days*

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