

All-Flash Array Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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All-Flash Array Trends and Forecast

The future of the global all-flash array market looks promising with opportunities in the enterprise, banking, financial services, and insurance (BFSI), healthcare, media & entertainment, retail, government, cloud, and telecom markets. The global all-flash array market is expected to reach an estimated \$24.5 billion by 2030 with a CAGR of 21.1% from 2024 to 2030. The major drivers for this market are expanding market for enterprise storage, growth in the use of SSDs in laptops, high-end gaming PCs, and business applications, as well as, rise in the need for all-flash arrays.

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

All-Flash Array by Segment

The study includes a forecast for the global all-flash array by storage architecture, flash media, end use, and region.

All-Flash Array Market by Storage Architecture [Shipment Analysis by Value from 2018 to 2030]:

File

Object

Block

All-Flash Array Market by Flash Media [Shipment Analysis by Value from 2018 to 2030]:

Custom Flash Modules (CFM)

Solid-State Drives (SSD)

All-Flash Array Market by End Use [Shipment Analysis by Value from 2018 to 2030]:

Enterprise

BFSI

Healthcare

Media & Entertainment

Retail

Government

Cloud

Telecom

Others

All-Flash Array Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of All-Flash Array 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 all-flash array companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the all-flash array companies profiled in this report include-

Dell

Hewlett Packard Enterprise

NetApp

Pure Storage

IBM

Huawei

Western Digital

Hitachi

Kaminario

Micron

All-Flash Array Market Insights

Lucintel forecasts that CFM-based AFA market is expected to witness the highest growth over the forecast period because it take up less physical area, use less energy,

and cool down more quickly.

North America will remain the largest region over the forecast period due to robust presence of the most data centers in the area, together with booming BFSI, retail, media, healthcare, and IT sectors.

Features of the Global All-Flash Array Market

Market Size Estimates: All-flash array 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: All-flash array market size by storage architecture, flash media, end use, and region in terms of value (\$B).

Regional Analysis: All-flash array market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different storage architecture, flash media, end use, and regions for the all-flash array market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the all-flash array market.

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

FAQ

Q1. What is the all-flash array market size?

Answer: The global all-flash array market is expected to reach an estimated \$24.5 billion by 2030.

Q2. What is the growth forecast for all-flash array market?

Answer: The global all-flash array market is expected to grow with a CAGR of 21.1% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the all-flash array market?

Answer: The major drivers for this market are expanding market for enterprise storage, growth in the use of SSDs in laptops, high-end gaming PCs, and business applications, as well as, rise in the need for all-flash arrays.

Q4. What are the major segments for all-flash array market?

Answer: The future of the global all-flash array market looks promising with opportunities in the enterprise, banking, financial services, and insurance (BFSI), healthcare, media & entertainment, retail, government, cloud, and telecom markets.

Q5. Who are the key all-flash array market companies?

Answer: Some of the key all-flash array companies are as follows:

Dell

Hewlett Packard Enterprise

NetApp

Pure Storage

IBM

Huawei

Western Digital

Hitachi

Kaminario

Micron

Q6. Which all-flash array market segment will be the largest in future?

Answer: Lucintel forecasts that CFM-based AFA market is expected to witness the highest growth over the forecast period because it take up less physical area, use less energy, and cool down more quickly.

Q7. In all-flash array market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period due to robust presence of the most data centers in the area, together with booming BFSI, retail, media, healthcare, and IT sectors.

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 all-flash array market by storage architecture (file, object, and block), flash media (custom flash modules (CFM) and solid-state drives (SSD)), end use (enterprise, BFSI, healthcare, media & entertainment, retail, government, cloud, telecom, and others), 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?

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 All-Flash Array Market, All-Flash Array Market Size, All-Flash Array Market Growth, All-Flash Array Market Analysis, All-Flash Array Market Report, All-Flash Array Market Share, All-Flash Array Market Trends, All-Flash Array Market Forecast, All-Flash Array Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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7.5: IBM

7.6: Huawei

7.7: Western Digital

7.8: Hitachi

7.9: Kaminario

7.10: Micron

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