

# Spintronics Market Report: Trends, Forecast and Competitive Analysis to 2030

<https://marketpublishers.com/r/SB11D7D007A1EN.html>

Date: January 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: SB11D7D007A1EN

## Abstracts

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### Spintronics Trends and Forecast

The future of the global spintronics market looks promising with opportunities in the electric vehicle, industrial motor, data storage, and magnetic sensing markets. The global spintronics market is expected to reach an estimated \$949.6 million by 2030 with a CAGR of 6.4% from 2024 to 2030. The major drivers for this market are increasing demand for high-performance and energy-efficient electronics, rapid digitization and rising adoption of IoT devices, and technological advancements.

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

### Spintronics by Segment

The study includes a forecast for the global spintronics by type, application, end use, and region.

Spintronics Market by Type [Shipment Analysis by Value from 2018 to 2030]:

Metal-Based Devices

Semiconductor-Based Devices

### Spintronics Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Electric Vehicles

Industrial Motors

Data Storage

Magnetic Sensing

Others

### Spintronics Market by End Use [Shipment Analysis by Value from 2018 to 2030]:

Automotive

Industrial

Consumer Electronics

Healthcare

IT & Telecom

Others

### Spintronics Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

## List of Spintronics 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 spintronics companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the spintronics companies profiled in this report include-

NVE

Everspin Technologies

Crocus Technology

Synopsys

Avalanche Technology

## Spintronics Market Insights

Lucintel forecasts that semiconductor-based device will remain the larger segment over the forecast period due its ability to generate, transfer, and detect spins.

Within this market, electric vehicle will remain the largest segment due to their low volatility and high density relative.

North America will remain the largest region over the forecast period due to the high level of research carried out by regional companies and the increasing adoption of technologies in the end use industries.

## Features of the Global Spintronics Market

Market Size Estimates: Spintronics market size estimation in terms of value (\$M).

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

**Segmentation Analysis:** Spintronics market size by type, application, end use, and region in terms of value (\$M).

**Regional Analysis:** Spintronics market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different types, applications, end uses, and regions for the spintronics market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the spintronics market.

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

## FAQ

**Q1. What is the spintronics market size?**

**Answer:** The global spintronics market is expected to reach an estimated \$949.6 million by 2030.

**Q2. What is the growth forecast for spintronics market?**

**Answer:** The global spintronics market is expected to grow with a CAGR of 6.4% from 2024 to 2030.

**Q3. What are the major drivers influencing the growth of the spintronics market?**

**Answer:** The major drivers for this market are increasing demand for high-performance and energy-efficient electronics, rapid digitization and rising adoption of IoT devices, and technological advancements.

**Q4. What are the major segments for spintronics market?**

**Answer:** The future of the spintronics market looks promising with opportunities in the electric vehicle, industrial motor, data storage, and magnetic sensing markets.

**Q5. Who are the key spintronics market companies?**

Answer: Some of the key spintronics companies are as follows:

NVE

Everspin Technologies

Crocus Technology

Synopsys

Avalanche Technology

Q6. Which spintronics market segment will be the largest in future?

Answer: Lucintel forecasts that semiconductor-based device will remain the larger segment over the forecast period due its ability to generate, transfer, and detect spins.

Q7. In spintronics 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 the high level of research carried out by regional companies and the increasing adoption of technologies in the end use industries.

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 spintronic market by type (metal-based devices and semiconductor-based devices), application (electric vehicles, industrial motors, data storage, magnetic sensing, and others), end use (automotive, industrial, consumer electronics, healthcare, IT & 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 Spintronics Market, Spintronics Market Size, Spintronics Market Growth, Spintronics Market Analysis, Spintronics Market Report, Spintronics Market Share, Spintronics Market Trends, Spintronics Market Forecast, Spintronics Companies, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com). We will be glad to get back to you soon.

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