

Graphene Electronics Market Size Is Projected To Reach \$5.2 Billion By 2031 | NanoXplore, First Graphene,

Major countries in each region are mapped according to their revenue contribution to the global market.



The report includes an analysis of the regional as well as global graphene electronics market trends, key players, market segments, application areas, and market growth strategies.

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Allied Market Research

WILMINGTON, NEW CASTLE, DE, UNITED STATES, February 11, 2025 /EINPresswire.com/ -- Allied Market Research published an exclusive report, titled, "[Graphene Electronics Market Size, Share, Competitive Landscape and Trend Analysis Report by Product, By Industry Vertical : Global Opportunity Analysis and Industry Forecast, 2021-2031](#)".

The global graphene electronics market was valued at \$270.8 million in 2021, and is projected to reach \$5.2 billion by 2031, growing at a CAGR of 34.2% from 2022 to 2031

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Graphene is a two-dimensional allotrope of carbon used in electronics to create next-generation consumer electronics and IC solutions limited to Sci-fi. Further, graphene is used as a coating to improve the current touch screens for portable devices such as phones and tablets.

Numerous industries, including the textile sector, aerospace applications, general computing, electronics, and many more, have invested in graphene-based electronics solutions; owing to its incredible strength, high thermal conductivity, and high electron mobility, graphene has the potential to revolutionize electronics sectors globally. In addition, graphene is currently best known to the world in the [electronics sector](#) due to its extremely advantageous conductive qualities.

The growth of the global graphene electronics market size is majorly driven by the surge in sales of electric vehicles coupled with the thriving portable electronics industry. Moreover, superior performance and functionalities are expected to drive market growth.

However, the high cost and lack of awareness of graphene technology are acting as prime restraints on the global market. On the contrary, the rise in government initiatives in research and development is anticipated to provide lucrative opportunities for the [graphene electronics industry](#) during the forecast period.

Key market players:

The graphene electronics market size report offers an in-depth analysis of the 10 prime market players that are active in the market.

Moreover, it provides their thorough financial analysis, business strategies, SWOT profile, business overview, and recently launched products & services.

In addition, the report offers recent market developments such as market expansion, mergers & acquisitions, and partnerships & collaborations. The prime market players studied in the report are AMG Advanced Metallurgical Group N.V., Graphene Platform Corporation, Graphene Frontiers LLC, Graphenea S.A., Talga Group, Graphene Square, Inc., NanoXplore Inc., First Graphene, Versarien plc, and Grafen Chemical Industries Co.

Ltd. .

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Market Segmentation:

The graphene electronics market is segmented on the basis of Product, Industry Vertical, and Region. The report offers an in-depth study of every segment, which helps market players and stakeholders to understand the fastest growing segments and highest grossing segments in the market.

The graphene electronics market report provides thorough information about prime end-users and annual forecast during the period from 2022 to 2030. Moreover, it offers revenue forecast for every year coupled with sales growth of the market.

The forecasts are provided by skilled analysts in the market and after an in-depth analysis of the geography of the market. These forecasts are essential for gaining insight into the future prospects of the graphene electronics industry.

For more information, visit <https://www.alliedmarketresearch.com/purchase-enquiry/142>

Key market players:

- In 2021, the batteries segment accounted for maximum revenue and is projected to grow at a notable CAGR of 35.7% during the forecast period.
- The automotive segment was the highest revenue contributor to the market in 2021.
- The automotive and consumer electronics segments collectively accounted for around 61.1% market share in 2021.
- Asia-Pacific acquired a major share in the graphene electronics market with an industry share of 35.0% in 2021

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We are in professional corporate relations with various companies, and this helps us in digging out market data that helps us generate accurate research data tables and confirms utmost accuracy in our market forecasting. Each and every data presented in the reports published by us is extracted through primary interviews with top officials from leading companies of domain concerned. Our secondary data procurement methodology includes deep online and offline research and discussion with knowledgeable professionals and analysts in the industry.

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