

Rockets & Missiles Market worth \$105.97 billion by 2030, growing at a CAGR of 7.85% - Exclusive Report by 360iResearch

The Global Rockets & Missiles Market to grow from USD 57.87 billion in 2022 to USD 105.97 billion by 2030, at a CAGR of 7.85%.

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EINPresswire.com/ -- The "[Rockets & Missiles Market](#) by Type (Missile, Rocket), Speed (Hypersonic, Subsonic, Supersonic), Platform, Guidance Mechanism, Application - Global Forecast 2023-2030" report has been added to 360iResearch.com's offering.



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The rockets and missiles market encompasses the design, manufacturing, sale, and application of projectiles designed for military defense, aerospace exploration, satellite launches, and other related fields. The surge in defense budgets by governments worldwide for the modernization of military resources are significantly contributing to the market growth. The rising number of conflicts amid the geopolitical tensions across the globe are also creating the surge in demand for rockets and missiles. Moreover, technological issues related to the integration of rockets & missiles are expected to limit the market growth. Additionally, stringent governmental regulations related to arms transfer are also posing a challenge for adoption of rockets and missiles. Furthermore, the development of new generation rocket & missile systems and technical advancements in warfare techniques are expected to attract lucrative opportunities for the market in the forecast period.

Guidance Mechanism: Significance of guidance mechanism for accuracy & precision

Guided rockets and missiles employ sophisticated electronics, sensors, and control systems to navigate towards their target with a high level of precision. Guided systems offer significant advantages in terms of accuracy, flexibility, and adaptability to various combat mission scenarios. Unguided rockets and missiles rely on simplistic flight control mechanisms that do not adjust their trajectory once launched. The primary advantage of unguided systems is their relative simplicity and lower cost compared to guided counterparts.

Speed: Types of rockets and missiles as per their speeds

Hypersonic missiles travel at speeds of 5 Mach or higher with advanced capabilities such as rapid response time, high maneuverability, and the ability to evade existing missile defense systems. Subsonic missiles travel at speeds below 1 Mach, typically generating lower amounts of noise and heat signatures, which enables them to maintain a stealthy profile. Moreover, their slower speeds require less advanced propulsion systems and materials, resulting in lower production costs. Supersonic missiles travel between Mach 1 and 5, providing several advantages including reduced time to target, greater penetration capabilities against hardened defenses, and a higher degree of survivability when facing interception attempts.

Platform: Significance of various launching platforms

Airborne launch platforms offer a unique combination of flexibility, mobility, and rapid response in the field of rocket and missile deployment. These platforms utilize aircraft as the primary mode of transport, allowing for quick positioning and versatile targeting options. Ground-based launch platforms encompass a wide variety of stationary or mobile systems used for deploying rockets and missiles. Naval launch platforms leverage the strategic advantages of maritime environments for deploying rockets and missiles. These platforms range from surface vessels like guided-missile destroyers or cruisers to submarines carrying ballistic missiles, providing unique benefits such as stealth capabilities, extended ranges, and autonomous operations.

Application: Diverse applications areas of rockets and missiles

Rockets and missiles have played a significant role in modern military operations, serving as effective tools for both offense and defense. In offensive operations, they provide long-range precision strike capabilities to neutralize enemy positions, suppress air defenses, and target critical infrastructure. Rockets play an essential part in space exploration by providing the necessary propulsion to lift payloads like satellites, probes, or manned spacecraft into orbit. Commercial rocket use has grown rapidly in recent years as private companies capitalize on technological advancements and increasing demand for satellite launches.

Regional Insights:

The rockets and missiles market is a highly specialized, technical, and diverse industry across various regions worldwide. The United States plays a dominant role in the Americas region, given its heavy investments in the research and development of cutting-edge missile systems. Canada also contributes to the regional market with defense collaborations through programs like the

Surface Combatant Program. In the European region, countries including France, Germany, Italy, and the United Kingdom are actively involved in collaborative efforts for missile systems development. Investment in research initiatives and projects showcases Europe's commitment to strengthening its defense capabilities. The Middle East region has witnessed a rise in demand for advanced rocket and missile systems due to geopolitical tensions and increasing military expenditure by countries such as Saudi Arabia, Israel, Iran, and Turkey. The Asia Pacific region is characterized by rapid economic growth coupled with rising military expenditures from major countries such as China, Japan, India, and South Korea. These countries are actively involved in collaborations with international partners to enhance their technological expertise.

FPNV Positioning Matrix:

The FPNV Positioning Matrix is essential for assessing the Rockets & Missiles Market. It provides a comprehensive evaluation of vendors by examining key metrics within Business Strategy and Product Satisfaction, allowing users to make informed decisions based on their specific needs. This advanced analysis then organizes these vendors into four distinct quadrants, which represent varying levels of success: Forefront (F), Pathfinder (P), Niche (N), or Vital(V).

Market Share Analysis:

The Market Share Analysis offers an insightful look at the current state of vendors in the Rockets & Missiles Market. By comparing vendor contributions to overall revenue, customer base, and other key metrics, we can give companies a greater understanding of their performance and what they are up against when competing for market share. The analysis also sheds light on just how competitive any given sector is about accumulation, fragmentation dominance, and amalgamation traits over the base year period studied.

Key Company Profiles:

The report delves into recent significant developments in the Rockets & Missiles Market, highlighting leading vendors and their innovative profiles. These include AeroVironment, ASELSAN A.Ş., Astra Space, Inc., BAE Systems PLC, Bharat Dynamics Limited, Denel Dynamics, Elbit Systems Ltd., Firefly Aerospace Inc., Frontier Electronic Systems Corporation, General Dynamics Corporation, Israel Aerospace Industries Ltd., Kongsberg Gruppen ASA, Kratos Defense & Security Solutions, Inc., LIG Nex1 Co., Ltd., Lockheed Martin Corp., Mesko S.A., Nammo AS, Northrop Grumman, Rafael Advanced Defense Systems Ltd., Raytheon Technologies Corp., Rocket Lab USA, Inc., Roketsan A.Ş., Saab AB, Thales Group, and The Boeing Company.

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Market Segmentation & Coverage:

This research report categorizes the Rockets & Missiles Market in order to forecast the revenues and analyze trends in each of following sub-markets:

Based on Type, market is studied across Missile and Rocket. The Missile is further studied across Ballistic Missile and Cruise Missile. The Rocket is further studied across Air-Launched Rocket and Artillery Rocket. The Rocket is projected to witness significant market share during forecast period.

Based on Speed, market is studied across Hypersonic, Subsonic, and Supersonic. The Subsonic is projected to witness significant market share during forecast period.

Based on Platform, market is studied across Airborne, Ground, and Naval. The Ground is projected to witness significant market share during forecast period.

Based on Guidance Mechanism, market is studied across Guided and Unguided. The Unguided is projected to witness significant market share during forecast period.

Based on Application, market is studied across Commercial, Military, and Space Exploration. The Commercial is projected to witness significant market share during forecast period.

Based on Region, market is studied across Americas, Asia-Pacific, and Europe, Middle East & Africa. The Americas is further studied across Argentina, Brazil, Canada, Mexico, and United States. The United States is further studied across California, Florida, Illinois, New York, Ohio, Pennsylvania, and Texas. The Asia-Pacific is further studied across Australia, China, India, Indonesia, Japan, Malaysia, Philippines, Singapore, South Korea, Taiwan, Thailand, and Vietnam. The Europe, Middle East & Africa is further studied across Denmark, Egypt, Finland, France, Germany, Israel, Italy, Netherlands, Nigeria, Norway, Poland, Qatar, Russia, Saudi Arabia, South Africa, Spain, Sweden, Switzerland, Turkey, United Arab Emirates, and United Kingdom. The Americas commanded largest market share of 41.95% in 2022, followed by Europe, Middle East & Africa.

Key Topics Covered:

1. Preface
2. Research Methodology
3. Executive Summary
4. Market Overview
5. Market Insights
6. Rockets & Missiles Market, by Type
7. Rockets & Missiles Market, by Speed
8. Rockets & Missiles Market, by Platform
9. Rockets & Missiles Market, by Guidance Mechanism
10. Rockets & Missiles Market, by Application

11. Americas Rockets & Missiles Market
12. Asia-Pacific Rockets & Missiles Market
13. Europe, Middle East & Africa Rockets & Missiles Market
14. Competitive Landscape
15. Competitive Portfolio
16. Appendix

The report provides insights on the following pointers:

1. Market Penetration: Provides comprehensive information on the market offered by the key players
2. Market Development: Provides in-depth information about lucrative emerging markets and analyzes penetration across mature segments of the markets
3. Market Diversification: Provides detailed information about new product launches, untapped geographies, recent developments, and investments
4. Competitive Assessment & Intelligence: Provides an exhaustive assessment of market shares, strategies, products, certification, regulatory approvals, patent landscape, and manufacturing capabilities of the leading players
5. Product Development & Innovation: Provides intelligent insights on future technologies, R&D activities, and breakthrough product developments

The report answers questions such as:

1. What is the market size and forecast of the Rockets & Missiles Market?
2. Which are the products/segments/applications/areas to invest in over the forecast period in the Rockets & Missiles Market?
3. What is the competitive strategic window for opportunities in the Rockets & Missiles Market?
4. What are the technology trends and regulatory frameworks in the Rockets & Missiles Market?
5. What is the market share of the leading vendors in the Rockets & Missiles Market?
6. What modes and strategic moves are considered suitable for entering the Rockets & Missiles Market?

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