

Global CubeSat Market Size Study & Forecast, by Size, Application, Subsystem, End-user, and Regional Forecasts 2025-2035

<https://marketpublishers.com/r/C301CD813CF2EN.html>

Date: July 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: C301CD813CF2EN

Abstracts

Global CubeSat Market is valued at approximately USD 0.42 billion in 2024 and is anticipated to register an impressive CAGR of 16.10% over the forecast period 2025–2035. CubeSats—compact, standardized nanosatellites—have emerged as disruptive forces within the space industry by dramatically lowering the entry barrier for satellite launches and significantly accelerating research, experimentation, and communications in low Earth orbit. Leveraging modular form factors and plug-and-play configurations, CubeSats have democratized access to space for universities, startups, and governments alike. Their surge in adoption can be attributed to the growing demand for real-time Earth observation, rapid telecommunications, and scientific payload testing across defense, climate monitoring, and commercial data analytics domains.

Fueling this trajectory is the rapidly evolving space ecosystem, where constellations of CubeSats are being launched to create agile, responsive satellite networks. Their compactness enables ride-sharing capabilities on commercial launch vehicles, drastically reducing deployment costs. Additionally, advances in microelectronics, propulsion miniaturization, and power-efficient payloads have further enhanced the performance profile of CubeSats. Governments across the globe are increasingly incorporating CubeSats into national space programs for surveillance, border monitoring, and disaster management. Meanwhile, commercial entities are using them for applications like precision agriculture, traffic monitoring, and space-based IoT infrastructure. Nonetheless, limited payload capacity, radiation tolerance issues, and growing concerns over orbital congestion pose mild challenges to widespread CubeSat proliferation.

Regionally, North America leads the CubeSat market due to its robust aerospace infrastructure, increasing government investment in nanosatellite R&D, and a high volume of satellite launches facilitated by companies like SpaceX and Rocket Lab. Europe follows closely, driven by initiatives led by ESA and expanding CubeSat adoption in defense and academic sectors. The Asia Pacific region is expected to witness the highest growth during the forecast period, underpinned by national satellite programs in India, Japan, and China, as well as a rising cohort of regional satellite startups leveraging CubeSat platforms for commercial and educational missions. Efforts to establish sovereign satellite capabilities and bolster regional security through nanosatellites further catalyze APAC's CubeSat market growth.

Major market player included in this report are:

GomSpace

Tyvak Nano-Satellite Systems, Inc.

AAC Clyde Space

Planet Labs Inc.

Pumpkin Inc.

Surrey Satellite Technology Limited

CU Aerospace

EnduroSat

Exolaunch GmbH

Berlin Space Technologies

Space Inventor

Spire Global Inc.

Innovative Solutions In Space

Blue Canyon Technologies

NanoAvionics

Global CubeSat Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Size:

0.25U to 1U

1U to 3U

3U to 6U

6U to 12U

12U & Above

By Application:

Earth Observation & Traffic Monitoring

Science, Technology, and Education

Space Observation

Communication

Others

By Subsystem:

Payloads

Structures

Electrical Power Systems

Command and Data Handling

Propulsion Systems

Attitude Determination and Control Systems

Others

By End-user:

Government and Military

Commercial

Non-Profit Organizations

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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