

# CubeSat - Global Market Outlook (2017-2026)

<https://marketpublishers.com/r/C8026FF7E15EN.html>

Date: December 2018

Pages: 174

Price: US\$ 4,150.00 (Single User License)

ID: C8026FF7E15EN

## Abstracts

According to Statistics MRC, the Global Cubesat Market is accounted for \$125.75 million in 2017 and is expected to reach \$692.45 million by 2026 growing at a CAGR of 20.9% during the forecast period. Some of the key factors propelling the market growth are new application areas for cubesats and economical compared to conventional satellites. However, Lack of Launch Vehicles may hinder the growth of the market.

A CubeSat (U-class spacecraft) is a type of miniaturized satellite for space research that is made up of multiples of 10×10×10 cm cubic units. CubeSats have a mass of no more than 1.33 kilograms per unit, and often use commercial off-the-shelf (COTS) components for their electronics and structure. CubeSats are commonly put in orbit by deployers on the International Space Station, or launched as secondary payloads on a launch vehicle. Over 800 CubeSats have been launched as of April 2018.

Based on Application, Earth observation & traffic monitoring of the CubeSat market is estimated to have significant growth during the forecast period as collection of information about the Earth's physical, chemical, and biological systems by means of remote sensing technologies is continuously evolving. Over 100 countries and a similar number of organizations have formed the Group on Earth Observations, whose members are also growing annually. This group is dedicated to constructing a global platform for Earth Observation content distribution. By geography, North America is expected to witness substantial growth during the forecast period due to the number of CubeSats launched every year and the increasing demand for satellite services from satellite operators and government agencies.

Some of the key players in Cubesat market include Adcole Maryland Aerospace, Blue Canyon Technologies, Busek Co, Capella Space, Clyde Space, CU Aerospace, Endurosat, Gomspace, Harris Corporation, Innovative Solutions in Space (ISIS), Lockheed Martin Corporation, Nanoavionics, OHB SE, Planet Labs, Pumpkin Space

Systems, Sierra Nevada Corporation, Space Systems Loral (SSL), Surrey Satellite Technology, The Boeing Company and Tyvak Nano-Satellite Systems.

Applications Covered:

Communication

Earth Observation & Traffic Monitoring

Meteorology

Science & Technology, and Education

Space Observation

Subsystems Covered:

Attitude Determination and Control System (ADCS)

Command & Data Handling (C&DH)

Electrical Power Systems (EPS)

Payloads

Power System

Propulsion Systems

Solar Panels & Antenna Systems

Structure

Telemetry, Tracking, and Command (TT&C)

Thermal Control System (TCS)

Other Subsystems

Sizes Covered:

0.25U-1U

12U

2U

3U

6U

Above 12U

End Users Covered:

Academic

Commercial

Defence

Government & Military

Non-profit Organizations

Regions Covered:

North America

US

Canada

Mexico

## Europe

Germany

France

Italy

UK

Spain

Rest of Europe

## Asia Pacific

Japan

China

India

Australia

New Zealand

Rest of Asia Pacific

## South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic analysis: Drivers and Constraints, Product/Technology Analysis, Porter's five forces analysis, SWOT analysis etc.

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the clients interest (Note: Depends of feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 End User Analysis
- 3.8 Emerging Markets
- 3.9 Futuristic Market Scenario

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL CUBESAT MARKET, BY APPLICATION**

- 5.1 Introduction
- 5.2 Communication
- 5.3 Earth Observation & Traffic Monitoring
- 5.4 Meteorology
- 5.5 Science & Technology, and Education
- 5.6 Space Observation

## **6 GLOBAL CUBESAT MARKET, BY SUBSYSTEM**

- 6.1 Introduction
- 6.2 Attitude Determination and Control System (ADCS)
- 6.3 Command & Data Handling (C&DH)
- 6.4 Electrical Power Systems (EPS)
- 6.5 Payloads
- 6.6 Power System
- 6.7 Propulsion Systems
- 6.8 Solar Panels & Antenna Systems
- 6.9 Structure

## **610 TELEMETRY, TRACKING, AND COMMAND (TT&C)**

- 6.11 Thermal Control System (TCS)
- 6.12 Other Subsystems
  - 6.12.1 Deployers
  - 6.12.2 Software
  - 6.12.3 Onboard Computers
  - 6.12.4 Ground Support Equipment

## **7 GLOBAL CUBESAT MARKET, BY SIZE**

- 7.1 Introduction
- 7.2 0.25U-1U
- 7.3 12U
- 7.4 2U
- 7.5 3U
- 7.6 6U
- 7.7 Above 12U



## **8 GLOBAL CUBESAT MARKET, BY END USER**

- 8.1 Introduction
- 8.2 Academic
- 8.3 Commercial
  - 8.3.1 Agriculture
  - 8.3.2 IT & Telecommunication
  - 8.3.3 Mining
  - 8.3.4 Oil & Gas
- 8.4 Defense
- 8.5 Government & Military
- 8.6 Non-profit Organizations

## **9 GLOBAL CUBESAT MARKET, BY GEOGRAPHY**

- 9.1 Introduction
- 9.2 North America
  - 9.2.1 US
  - 9.2.2 Canada
  - 9.2.3 Mexico
- 9.3 Europe
  - 9.3.1 Germany
  - 9.3.2 UK
  - 9.3.3 Italy
  - 9.3.4 France
  - 9.3.5 Spain
  - 9.3.6 Rest of Europe
- 9.4 Asia Pacific
  - 9.4.1 Japan
  - 9.4.2 China
  - 9.4.3 India
  - 9.4.4 Australia
  - 9.4.5 New Zealand
  - 9.4.6 South Korea
  - 9.4.7 Rest of Asia Pacific
- 9.5 South America
  - 9.5.1 Argentina
  - 9.5.2 Brazil

- 9.5.3 Chile
- 9.5.4 Rest of South America
- 9.6 Middle East & Africa
  - 9.6.1 Saudi Arabia
  - 9.6.2 UAE
  - 9.6.3 Qatar
  - 9.6.4 South Africa
  - 9.6.5 Rest of Middle East & Africa

## **10 KEY DEVELOPMENTS**

- 10.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 10.2 Acquisitions & Mergers
- 10.3 New Product Launch
- 10.4 Expansions
- 10.5 Other Key Strategies

## **11 COMPANY PROFILING**

- 11.1 Adcole Maryland Aerospace
- 11.2 Blue Canyon Technologies
- 11.3 Busek Co
- 11.4 Capella Space
- 11.5 Clyde Space
- 11.6 CU Aerospace
- 11.7 Endurosat
- 11.8 Gomspace
- 11.9 Harris Corporation
- 11.10 Innovative Solutions in Space (ISIS)
- 11.11 Lockheed Martin Corporation
- 11.12 Nanoavionics
- 11.13 OHB SE
- 11.14 Planet Labs
- 11.15 Pumpkin Space Systems
- 11.16 Sierra Nevada Corporation
- 11.17 Space Systems Loral (SSL)
- 11.18 Surrey Satellite Technology
- 11.19 The Boeing Company
- 11.20 Tyvak Nano-Satellite Systems



## List Of Tables

### LIST OF TABLES

- Table 1 Global CubeSat Market Outlook, By Region (2016-2026) (US \$MN)
- Table 2 Global CubeSat Market Outlook, By Application (2016-2026) (US \$MN)
- Table 3 Global CubeSat Market Outlook, By Communication (2016-2026) (US \$MN)
- Table 4 Global CubeSat Market Outlook, By Earth Observation & Traffic Monitoring (2016-2026) (US \$MN)
- Table 5 Global CubeSat Market Outlook, By Meteorology (2016-2026) (US \$MN)
- Table 6 Global CubeSat Market Outlook, By Science & Technology, and Education (2016-2026) (US \$MN)
- Table 7 Global CubeSat Market Outlook, By Space Observation (2016-2026) (US \$MN)
- Table 8 Global CubeSat Market Outlook, By Subsystem (2016-2026) (US \$MN)
- Table 9 Global CubeSat Market Outlook, By Attitude Determination and Control System (ADCS) (2016-2026) (US \$MN)
- Table 10 Global CubeSat Market Outlook, By Command & Data Handling (C&DH) (2016-2026) (US \$MN)
- Table 11 Global CubeSat Market Outlook, By Electrical Power Systems (EPS) (2016-2026) (US \$MN)
- Table 12 Global CubeSat Market Outlook, By Payloads (2016-2026) (US \$MN)
- Table 13 Global CubeSat Market Outlook, By Power System (2016-2026) (US \$MN)
- Table 14 Global CubeSat Market Outlook, By Propulsion Systems (2016-2026) (US \$MN)
- Table 15 Global CubeSat Market Outlook, By Solar Panels & Antenna Systems (2016-2026) (US \$MN)
- Table 16 Global CubeSat Market Outlook, By Structure (2016-2026) (US \$MN)
- Table 17 Global CubeSat Market Outlook, By Telemetry, Tracking, and Command (TT&C) (2016-2026) (US \$MN)
- Table 18 Global CubeSat Market Outlook, By Thermal Control System (TCS) (2016-2026) (US \$MN)
- Table 19 Global CubeSat Market Outlook, By Other Subsystems (2016-2026) (US \$MN)
- Table 20 Global CubeSat Market Outlook, By Deployers (2016-2026) (US \$MN)
- Table 21 Global CubeSat Market Outlook, By Software (2016-2026) (US \$MN)
- Table 22 Global CubeSat Market Outlook, By Onboard Computers (2016-2026) (US \$MN)
- Table 23 Global CubeSat Market Outlook, By Ground Support Equipment (2016-2026) (US \$MN)
- Table 24 Global CubeSat Market Outlook, By Size (2016-2026) (US \$MN)

Table 25 Global CubeSat Market Outlook, By 0.25U-1U (2016-2026) (US \$MN)

Table 26 Global CubeSat Market Outlook, By 12U (2016-2026) (US \$MN)

Table 27 Global CubeSat Market Outlook, By 2U (2016-2026) (US \$MN)

Table 28 Global CubeSat Market Outlook, By 3U (2016-2026) (US \$MN)

Table 29 Global CubeSat Market Outlook, By 6U (2016-2026) (US \$MN)

Table 30 Global CubeSat Market Outlook, By Above 12U (2016-2026) (US \$MN)

Table 31 Global CubeSat Market Outlook, By End User (2016-2026) (US \$MN)

Table 32 Global CubeSat Market Outlook, By Academic (2016-2026) (US \$MN)

Table 33 Global CubeSat Market Outlook, By Commercial (2016-2026) (US \$MN)

Table 34 Global CubeSat Market Outlook, By Agriculture (2016-2026) (US \$MN)

Table 35 Global CubeSat Market Outlook, By IT & Telecommunication (2016-2026) (US \$MN)

Table 36 Global CubeSat Market Outlook, By Mining (2016-2026) (US \$MN)

Table 37 Global CubeSat Market Outlook, By Oil & Gas (2016-2026) (US \$MN)

Table 38 Global CubeSat Market Outlook, By Defense (2016-2026) (US \$MN)

Table 39 Global CubeSat Market Outlook, By Government & Military (2016-2026) (US \$MN)

Table 40 Global CubeSat Market Outlook, By Non-profit Organizations (2016-2026) (US \$MN)

NOTE: Tables for North America, Europe, Asia Pacific, South America, Middle East & Africa are represented in the same manner above.

## I would like to order

Product name: CubeSat - Global Market Outlook (2017-2026)

Product link: <https://marketpublishers.com/r/C8026FF7E15EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C8026FF7E15EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970