

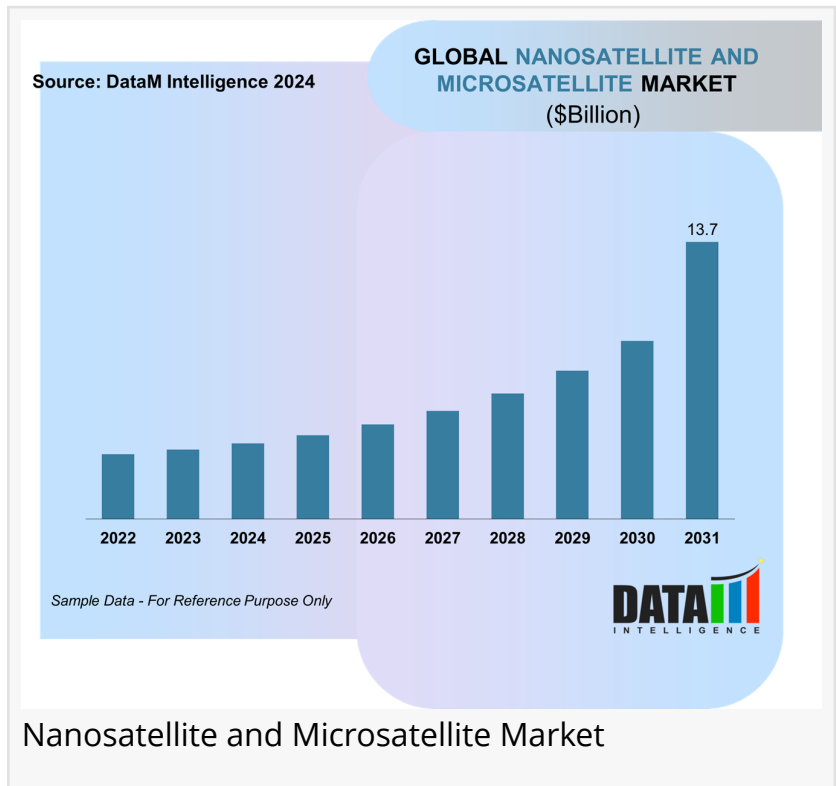
Nanosatellite and Microsatellite Market to Reach \$13.65B by 2031 | (CAGR 19.93%) | Industry Intelligence Report By DataM

Nanosatellite & Microsatellite Industry Set for Strong Growth by 2031

AUSTIN, TX, UNITED STATES, November 20, 2025 /EINPresswire.com/ -- Market Size and Forecast

DataM Intelligence reports, global The [Nanosatellite and Microsatellite Market](#) was valued at US\$ 3.19 billion in 2023 and is projected to rise to US\$ 13.65 billion by 2031, expanding at a CAGR of 19.93% from 2024 to 2031.

The miniaturization of satellite technology combined with falling launch costs is expanding applications in telecommunications, Earth observation, defense, and scientific research.



Get a Sample PDF Of This Report (Get Higher Priority for Corporate Email ID):-

<https://www.datamintelligence.com/download-sample/nanosatellite-and-microsatellite-market>



United States Nanosatellite & Microsatellite Market Set for Strong Growth with Expanding Space-Tech Ecosystem"

*DataM Intelligence 4Market
Research LLP*

Browse in-depth TOC on "Nanosatellite and Microsatellite Market"

50 – Tables

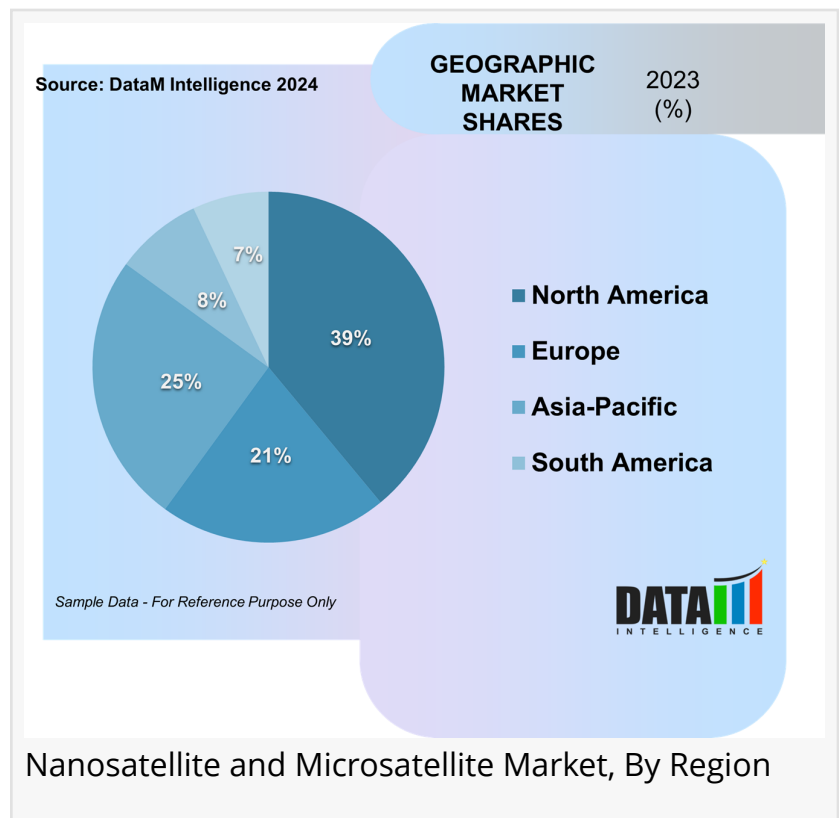
45 – Figures

180 – Pages

Latest M&A Activity

BlackSky acquired LeoStella, a smallsat design and manufacturing company specializing in cost-effective nanosatellite production for geospatial intelligence, in November 2024. This strengthens BlackSky's real-time satellite imaging and analytics capabilities.

Redwire expanded space domain awareness capacity by acquiring Hera, a nanosatellite constellation developer focused on Very Low Earth Orbit (VLEO) satellites including nanosats, enhancing defense and commercial offerings.



T2S Solutions acquired Flexitech Aerospace, an RF communications system provider for small satellites, to enhance its defense-related satellite communications portfolio

Growth Drivers

1. Growing demand for real-time, high-resolution Earth imaging across agriculture, climate monitoring, and urban planning.
2. Rapid expansion of global satellite-based internet services and IoT connectivity.
3. Increasing government and private sector investments in space programs and satellite constellations.
4. Advancements in satellite propulsion, AI-enabled data processing, and launch vehicle technology.
5. Proliferation of CubeSat and small satellite platforms lowering barriers to entry.

Market Segmentation Analysis

By Type: Nanosatellites (<10 kg), Microsatellites (10-100 kg)

By Application: Telecommunications, Earth Observation, Scientific Research, Defense

By Orbit Type: Low Earth Orbit (LEO), Medium Earth Orbit (MEO), Geostationary Orbit (GEO)

Request for Customized Sample Report as per Your Business Requirement:

<https://www.datamintelligence.com/customize/nanosatellite-and-microsatellite-market>

Recent Product Launches and Developments

1. NanoAvionics launched the MP42, one of the largest commercially available modular microsatellite buses, designed for rapid integration and mission flexibility. It supports multiple payloads including 5G IoT and machine-to-machine communication applications.
2. UK's Defence Science and Technology Group (DSTG) demonstrated the first known successful use of a liquid lens in a nanosatellite ("CubeSat"), enhancing imaging and communication functionalities in a highly compact form.
3. The UAE launched its first environmental nanosatellite in 2025, developed collaboratively by university students and the UAE Space Agency, aimed at monitoring environmental parameters from space.

Regional Insights

- North America dominates with strong aerospace industry and government initiatives.
- Asia-Pacific expected to show fastest growth due to expanding satellite programs in China, India, and Japan.

Top Key Players

Key Companies include Dauria Aerospace | | GomSpace | | Innovative Solutions in Space (ISISPACE) | | Sierra Nevada Corporation (SNC) | | Spire Global, Inc. | | SpaceQuest Ltd. | | The Boeing Company | | Tyvak Inc. | | Vector Launch, Inc | | Planet Labs | | Rocket Lab | | Surrey Satellite Technology, and Northrop Grumman, focusing on satellite design innovation and launch services.

Recent Developments

- Rocket Lab announced a dedicated microsatellite launch service (February 2025).
- Planet Labs expanded Earth observation constellation with 50 new nanosatellites (December 2024).

Market Outlook

The market outlook is promising as nanosatellite and microsatellite technologies democratize access to space and data.

Buy This Report with Year-End Offer (Buy 1 report: Get 30% OFF | Buy 2 reports: Get 50% OFF each! Limited time offer): <https://www.datamintelligence.com/buy-now-page?report=nanosatellite-and-microsatellite-market>

Conclusion

The Nanosatellite and Microsatellite Market is entering a high-growth era, driven by rapid advancements in miniaturized technology, rising demand for Earth observation data, and expanding commercial space activities. As launch costs decline and government-private sector collaborations accelerate, these compact satellites are becoming essential tools for communication, environmental monitoring, defense intelligence, and scientific research. With the market expected to grow more than fourfold by 2031, nanosatellites and microsatellites will play a pivotal role in shaping the future of global connectivity and space-based analytics. Their scalability, cost efficiency, and mission flexibility position them at the forefront of next-generation space innovation.

Related Reports:

[Satellite Launch Service Market](#)

[LEO Satellite Market](#)

Sai Kiran

DataM Intelligence 4market Research LLP

+1 877-441-4866

sai.k@datamintelligence.com

Visit us on social media:

[LinkedIn](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/868793619>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.