Spacecraft Market Size & Share Analysis - Growth Trends and Forecast (2026 - 2031)

> **Industry:** Space Economy, Satellites & Propulsion (Aerospace & Defense)
> **Source:** https://www.mordorintelligence.com/industry-reports/spacecraft-market
> **Scraped Date:** 2026-09-17

Executive Market Summary

Market Metric	Details
Base Market Size	USD 49.62 billion
Projected Forecast (2031)	USD 49.62 billion
Growth Rate (CAGR)	9.67 %
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Market OverviewStudy Period | 2019 - 2031 |
Market Size (2026) | USD 49.62 Billion |
Market Size (2031) | USD 78.73 Billion |
Growth Rate (2026 - 2031) | 9.67 % |
Fastest Growing Market | Asia Pacific |
Largest Market | North America |
Market Concentration | Medium |
Major Players*Disclaimer: Major Players sorted in no particular order

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Market Overview

Spacecraft Market Analysis by Mordor IntelligenceThe spacecraft market size is expected to grow from USD 44.66 billion in 2025 to USD 49.62 billion in 2026 and is forecast to reach USD 78.73 billion by 2031 at a 9.67% CAGR over 2026-2031. Growth reflects a decisive pivot from fully government-funded missions to hybrid procurement models that blend defense, civil, and commercial demand. Nations are proliferating small satellites to build resilient intelligence networks, private operators are fielding broadband mega-constellations at automotive-style production rates, and lunar logistics programs are opening recurring cargo opportunities. Tightening de-orbit rules, additive manufacturing breakthroughs, and rising reliance on commercial-off-the-shelf (COTS) electronics are further compressing development cycles and cost curves. Meanwhile, launch-site congestion and space debris mitigation costs temper the expansion, but do not blunt the long-term trajectory of the spacecraft market.

Key Report Takeaways* By type, satellites accounted for 76.78% of the 2025 revenue. In contrast, cargo vehicles are forecast to grow at a 10.12% CAGR through 2031 as NASA’s Commercial Lunar Payload Services and private space-station resupply schedules ramp up.
* By application, communication held a 42.24% share of the spacecraft market size in 2025, while technology-demonstration missions are projected to grow at a 10.32% CAGR through 2031, driven by in-orbit servicing and debris-removal pilots.
* By orbit, Low Earth Orbit (LEO) accounted for 63.97% of 2025 deployments, but the “Others” category (beyond GEO, cislunar, highly elliptical, and interplanetary) is forecast to grow at a 10.75% CAGR to 2031, supported by Artemis Gateway modules and Mars sample-return probes.
* By subsystem, payloads commanded 31.54% of the 2025 value. Yet, propulsion is projected to grow at a 10.44% CAGR as electric systems become standard for both LEO raising and mandated five-year de-orbit compliance.
* By geography, North America led with 47.89% of 2025 revenue, anchored by USD 2.7 billion in Orion capsule orders and USD 3.19 billion in Space Launch System boosters, while Asia-Pacific is forecast to grow at an 11.25% CAGR through 2031 on the back of Chinese, Indian, and Japanese deep-space programs.

Key Market Trends

Market Trends and InsightsDrivers Impact Analysis of Spacecraft Market*Driver | (~) % Impact on CAGR Forecast | Geographic Relevance | Impact Timeline |
Adoption of commercial-off-the-shelf electronics is accelerating spacecraft development | +1.8% | Global, early in North America and Europe | Medium term (2-4 years) |
Growth of broadband satellite constellations is increasing spacecraft manufacturing demand | +2.4% | Global, concentrated in North America, Europe, Asia-Pacific | Short term (≤2 years) |
Government lunar and Mars exploration programs are driving advanced spacecraft procurement | +1.6% | North America, Europe, Asia-Pacific | Long term (≥4 years) |
Rising defense ISR requirements are expanding small satellite deployments | +1.5% | North America, Europe, Middle East, Asia-Pacific | Medium term (2-4 years) |

In-orbit servicing and life-extension concepts are creating new spacecraft demand | +1.2% | Global, early in North America and Europe | Long term (≥4 years) |
Additive manufacturing is enabling scalable and cost-efficient spacecraft production | +1.4% | North America, Europe, spillover to Asia-Pacific | Medium term (2-4 years) |
Source: Mordor Intelligence |

Competitive Landscape

Competitive Landscape

Prime contractors show moderate consolidation, with Space Exploration Technologies Corp., Lockheed Martin Corporation, Airbus SE, and China Aerospace Science and Technology Corporation vertically integrating propulsion, avionics, and final assembly lines. NASA’s dual awards to Starship and Blue Origin for lunar landers demonstrate intent to keep at least two providers in every critical lane. SpaceX’s cradle-to-orbit model captures margin across the launch, satellite, and ground-station domains, intensifying price competition.

Mid-tier entrants, such as Rocket Lab, Relativity Space, and Sierra Space, differentiate themselves through additive manufacturing, rapid cadence micro-launches, and winged re-entry cargo capabilities. Electric propulsion specialists (Aerojet Rocketdyne, Busek), optical-link innovators, and deployable solar-array suppliers fragment the subsystem layer, encouraging niche excellence. Patent filings in autonomous rendezvous, mesh networking, and deployable structures climbed 30% from 2022 to 2025, signaling sustained innovation.

White-space growth pivots on in-orbit servicing, debris removal, and cislunar trucking. Astroscale’s ELSA-M targets FCC-mandated disposal burdens; Orbit Fab’s hydrazine depots extend GEO satellite life; and Intuitive Machines pitches lunar cargo flights. These emergent verticals should widen participation and gradually lower the spacecraft market concentration score.

Spacecraft Industry Leaders* The Boeing Company

* Lockheed Martin Corporation

* China Aerospace Science and Technology Corporation

* Space Exploration Technologies Corp.

* Airbus SE

* *Disclaimer: Major Players sorted in no particular order

Scope Methodology P Space

For this study, the spacecraft market is defined as the value generated from designing and manufacturing complete spacecraft platforms and their major on-board systems that operate beyond Earth's atmosphere for commercial, civil, and defense missions.

Scope exclusions: We exclude launch services, ground stations, satellite connectivity service revenue, and downstream data or analytics services that sit outside spacecraft manufacturing.

Segmentation Container

* By Type* Satellites
* Cargo Spacecraft
* Crewed Spacecraft
* Deep-Space Probes

* By Application* Communication
* Earth Observation
* Navigation and Mapping
* Science and Exploration
* Technology Demonstration

* By Orbit* Low Earth Orbit (LEO)

* Medium Earth Orbit (MEO)
* Geostationary Orbit (GEO)
* Others

* By Subsystem* Propulsion Systems
* Power Systems
* Communication Systems
* Thermal Control Systems
* Guidance and Navigation Systems
* Payloads

* By Geography* North America* United States
* Canada
* Mexico

* Europe* United Kingdom
* France
* Germany
* Russia
* Rest of Europe

* Asia-Pacific* China
* India
* Japan
* South Korea
* Rest of Asia-Pacific

* South America* Brazil
* Rest of South America

* Middle East and Africa* Middle East* United Arab Emirates
* Saudi Arabia
* Rest of Middle East

* Africa* South Africa
* Rest of Africa

Frequently Asked Questions

How large is the spacecraft market in 2026?

The spacecraft market size reached USD 49.62 billion in 2026 and is forecasted t
o climb to USD 78.73 billion by 2031.

What CAGR is projected for spacecraft sales through 2031?

The spacecraft market is expected to expand at a 9.67% CAGR over the 2026-2031 p
eriod.

Which spacecraft type shows the fastest growth?

Cargo vehicles lead with a projected 10.12% CAGR as lunar and commercial-station
 logistics missions multiply.

Which region is growing fastest in spacecraft demand?

Asia-Pacific is the fastest, advancing at an 11.25% CAGR through 2031 on the bac
k of Chinese, Indian, and Japanese programs.

What is the biggest restraint facing new spacecraft programs?

Launch-site congestion and rising space-debris risks are causing schedule delays

and higher insurance costs affecting the market growth.

Which subsystem is forecast to grow the most?

Propulsion leads subsystem growth at a 10.44% CAGR, driven by orbit-raising efficiency and de-orbit mandates.