

NEWSPACE MARKET · COMPANY PROFILE

The Apex logo consists of the word "APEX" in a bold, black, sans-serif font, centered within a white square. This square is itself centered within a larger, dark gray rounded rectangle.

# Apex

United States · founded 2021 · [apexspace.com](https://apexspace.com)

6

PRODUCTS

3

SERVICES

[newspacemarket.com/companies/apex/](https://newspacemarket.com/companies/apex/)

as of 20 August 2026



# Apex

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Apex is a Los Angeles-based satellite manufacturer focused on eliminating the satellite production bottleneck through productized, configurable bus platforms designed for constellation-scale manufacturing. Apex was founded with the mission of reimagining how satellites are built — combining traditional aerospace reliability with innovative new-space manufacturing methods and lessons from high-rate terrestrial production. Apex's three product lines — Aries, Nova, and Comet — serve a broad range of commercial and government customers with satellite buses supporting payloads from small tactical applications to large 3,000 kg class missions across LEO, MEO, and GEO orbital regimes. Each platform offers pre-engineered configuration packages for rapid customization without sacrificing manufacturability or reliability. Factory One, Apex's high-rate manufacturing facility in Los Angeles, California, is already delivering buses at rate with a peak annual production capacity exceeding 200 buses per year. The facility features a dedicated cell-based subassembly production floor, a linear integration cleanroom, a 66,000-lbf vibration table, and Apex's proprietary Octopus manufacturing operating system — integrating inventory management, production scheduling, and assembly work instructions into a unified environment. Apex also provides end-to-end mission services including space vehicle analysis, payload integration, and on-orbit commissioning. The company has raised funding at a \$2.3 billion valuation and is scaling production to support proliferated next-generation constellations for government and commercial customers.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

## SERVICES

## Services

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### Bus Assembly and Vertical Integration

Apex provides bus assembly and vertical integration services within its Factory One facility, designed for rapid and serial satellite manufacturing.

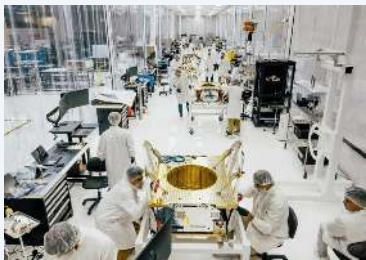
### End-to-End Mission Services

Apex offers comprehensive end-to-end mission services to streamline the path to orbit, covering all stages from space vehicle analysis to payload integration and on-orbit commissioning.

### Satellite Bus Testing

Apex offers comprehensive testing of satellite buses using advanced facilities like a 66,000-lbf vibration table to ensure performance and reliability.

# Product catalogue



APEX

Aries Satellite Bus

High-performance productized satellite bus for LEO/VLEO — modular payload interface, rapid delivery timelines, designed for defense and commercial constellations requiring speed an

|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Bus Type          | Productized LEO/VLEO<br>satellite bus                   |
| Payload Interface | Modular (customer-defined<br>payloads)                  |
| Manufacturing     | In-house critical subsystems,<br>high-volume production |
| Delivery          | Compressed timelines (months<br>vs. years for custom)   |
| Target Markets    | Defense, commercial<br>constellations                   |

price on request

APEX

Comet Mini

Comet Mini is a satellite platform designed for demanding high-power payloads, offering class-leading orbit average power, peak payload power, and power dissipation capabilities fo

|                                    |                      |
|------------------------------------|----------------------|
| Launch Configuration (Stacked)     | Up to 450 kg         |
| Vehicles per launch (f9) (Stacked) | 16                   |
| Launch Configuration (Base)        | Up to 1,000 kg       |
| Vehicles per launch (f9) (Base)    | 8                    |
| Launch Configuration (Custom)      | Up to 3,000 kg       |
| Vehicles per launch (Custom)       | IS CONFIG. DEPENDENT |
| Payload Power (Array Generation)   | 20 kW                |

price on request



APEX

Comet Mini Satellite Bus

Very large satellite bus with 3000 kg payload capacity, 8 kW base power (20 kW payload peak), for orbital data centers, D2D constellations, and SAR missions.

price on request

APEX

LEO Aries

LEO Aries is a highly-configurable, mid-size LEO satellite platform with proven flight heritage, designed for a wide range of missions including remote sensing and communications.

|                                          |               |
|------------------------------------------|---------------|
| Payload Mass                             | Up to 150 KG  |
| Payload Mass (SpaceX Rideshare)          | 100 kg        |
| Payload OAP (Base Power EOL (5 yrs.))    | 175+ W        |
| First Flight (In Orbit)                  | 2024          |
| Payload OAP (Base Configuration Package) | Up to 115 OAP |
| Delta-v (Base Configuration Package)     | Up to 800m/s  |

price on request



APEX

Nova Platform

Nova is a highly adaptable LEO satellite bus designed for demanding constellation missions, offering built-in redundancy and supporting payload masses up to 300 kg with 1 kW of pay

|              |                              |
|--------------|------------------------------|
| Payload Mass | Up to 300 KG                 |
| Payload OAP  | 1 KW Base Power EOL (7 yrs.) |
| First Flight | 2026                         |
| Delta-v      | up to 800m/s                 |

price on request



APEX

Nova Satellite Bus

High-power 300 kg satellite bus with 1 kW payload power, 300 kg payload capacity, and precision pointing for proliferated communications and sensing constellations. First flight 20

price on request

## Contact Apex

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/apex/>

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