

NEWSPACE MARKET · SECTOR CATALOGUE

CubeSat Platforms

Every unit we list in this sector — specifications, manufacturers and where to ask for a quote. Compiled from the live NewSpace Market catalogue.

180

PRODUCTS

86

MANUFACTURERS

37

COUNTRIES

32

WITH DATASHEETS

newspacemarket.com/catalogues/cubesat-platforms/

as of 2 September 2026

What is inside

This catalogue lists **180 cubesat platforms products** offered by **86 manufacturers** across **37 countries**. Of those, 32 carry a manufacturer datasheet and 9 publish a price; the rest are quoted on request — normal in this market, where configuration drives cost.

Entries are grouped alphabetically by manufacturer. Every product links back to its page on newspacemarket.com, where you will find the full specification, the datasheet and a quote form that reaches the manufacturer directly.

Compiled 2 September 2026 from the live catalogue. Specifications are as published by the manufacturers; we normalise units but do not re-measure. Where a figure looked implausible it was left out rather than guessed.

Manufacturers by country

United States 15

India 9

Australia 5

Russia 5

Italy 4

United Kingdom 4

China 3

Japan 3

Spain 2

Germany 2

Denmark 2

France 2

Sweden 1

Brazil 1

Hungary 1

Bulgaria 1

Ecuador 1

Croatia 1

Canada 1

Turkey 1

Portugal 1

Mexico 1

Netherlands 1

South Korea 1

Finland 1

Mongolia 1

Taiwan 1

Romania 1

Switzerland 1

Colombia 1

Czech Republic 1

Slovakia 1

Tunisia 1

Luxembourg 1

Estonia 1

Ghana 1

Ukraine 1

All products at a glance

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
12U – 16U Platform	Spacemanic s.r.o.	Slovakia	Payload volume (max) 12u: 8.5U	on request
12U CubeSat	Blue Canyon Technologies	United States	Class: 12U	on request
12U CubeSat	C3S LLC	Hungary	–	on request
12U Cubesat Platform	Orbital Systems	Russia	Payload Volume: 9U	on request
12U PLATFORM	Alén Space	Spain	–	on request
12U Platform Kit	GomSpace	Denmark	Dimensions: 12U	on request
12U Satellite	Space Inventor ApS	Denmark	Reaction wheels: Four 100 mNms reaction wheels	\$750 000
12U/16U CubeSat Platform	Orbital Systems	Russia	Pu volume: 9U	on request
16U CubeSat	Blue Canyon Technologies	United States	Class: 16U	on request
16U CubeSat Platform	U-Space	France	Form factor: 16U CubeSat	on request
16U Hyperspectral 200mm	Space Inventor ApS	Denmark	Msrp: From €1.100.000	on request
16U Platform	EnduroSat	Bulgaria	Available payload mass: 70 kg	on request
16U Platform Kit	GomSpace	Denmark	Dimensions: 16U	on request
16U Platform Kit	GomSpace	Denmark	–	on request
16U Satellite	Space Inventor ApS	Denmark	Momentum capacity: 100 mNms	\$800 000
1U – 3U Platform	Spacemanic s.r.o.	Slovakia	Payload volume (max) – 1u: 0.5U	on request
1U, 3U, 6U CubeSat Platform	Apogeo Space	Italy	Form factor: 1U, 3U, 6U (CubeSat Specification)	on request
3U CubeSat	Blue Canyon Technologies	United States	Class: 3U	on request
3U Cubesat Platform	Glavkosmos	Russia	Purpose: This platform is intended for operation in space conditions at an ...	on request
3U CubeSat Platform	Kairo Space	South Korea	Form factor: 3U CubeSat	on request
3U Cubesat Platform	Orbital Systems	Russia	Payload Volume: 1.5U	on request
3U platform	Orbital Systems	Russia	Pu volume: 1.5U	on request
3U PLATFORM	Alén Space	Spain	Payload mass: 570 – 1400 g	on request
6U CubeSat	Blue Canyon Technologies	United States	Class: 6U	on request
6U CubeSat Platform	Orbital Systems	Russia	Pu volume: 4U	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
6U Cubesat Platform	Orbital Systems	Russia	Payload Volume: 4U	on request
6U CubeSat Platform SXC6 ADC AS TFF	SPUTNIX	Russia	Form factor: 6U CubeSat	on request
6U CubeSat Platform SXC6 VOL AS TF	SPUTNIX	Russia	Form factor: 6U CubeSat	on request
6U PLATFORM	Alén Space	Spain	Payload mass: 6900 – 7825 g	on request
6U Platform Kit	GomSpace	Denmark	Dimensions: 6U	on request
6U Satellite	Space Inventor ApS	Denmark	Mission life: 10 years	\$650 000
6U SUPERNOVA CubeSat Bus	Pumpkin, Inc.	United States	Form factor: 6U CubeSat	on request
6U–8U CubeSat Platform	Spacemanic s.r.o.	Slovakia	Form factor: 6U or 8U CubeSat	on request
8U CubeSat Structure	EnduroSat	Bulgaria	Mass: 973 g	on request
8U Platform	EnduroSat	Bulgaria	Bus mass: 11.2-11.7 kg	on request
8U Platform Kit	GomSpace	Denmark	Dimensions: 8U	on request
8U Satellite	Space Inventor ApS	Denmark	Reaction wheels: 100 mNms	\$650 000
A16 — 16U CubeSat Platform	Akula Tech	Australia	Form factor: 16U CubeSat (expandable to 30U)	on request
Alya Space CubeSat Bus	Alya Space	Brazil	Type: CubeSat bus platform	on request
Aquarius 1U CubeSat	Skyline Celestial	United States	Form factor: 1U CubeSat	from \$8 500
Artemis CubeSat Education Platform	Artemis CubeSat Kit	United States	Format: 1U CubeSat (10×10×10 cm)	on request
Astronomikon Lab CubeSat Research	Astronomikon Lab	Russia	Focus: CubeSat research and education	on request
AX Satellite Platform Family (AX-03/06/12)	HEX20	India	Ax-03: 3U/4U, 2U payload volume, UHF/S-band	on request
AX-03	HEX20	India	Structural Dimensions: 100 mm * 100 mm * 340.5 mm	on request
AX-06	HEX20	India	Structural Dimensions: 100 mm * 226.3 mm * 366 mm	on request
AX-12	HEX20	India	Structural Dimensions: 226.3 mm * 226.3 mm * 226.3 mm	on request
BEVO-2	University of Texas at Austin	United States	Form factor: 3U CubeSat	on request
Black Kite-1	Rapidtek Technologies	Taiwan	Date: Nov.2025	on request
CanSat Kit	Hex-Star Universe	India	Sensors: Temperature, humidity, barometric pressure, altitude, GPS, acceler...	on request
Centauri	Fleet Space Technologies	Australia	Form factor (Centauri 1 & 2): 3U CubeSat	on request
ChallengeOne CubeSat Platform	Telnet Holding (Challenge One)	Tunisia	Orbit altitude: 550 km (LEO)	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
CORVUS — 6U CubeSat Platform with Synthetic Aperture Radar	RoInSpace (RISE, Romanian InSpace Engineering)	Romania	Form factor: 6U CubeSat (30 × 20 × 10 cm)	on request
CubeSat 0.5U Electronics Package	Tiger Innovations, Inc.	United States	Electronics package height: 5 cm (0.5U)	on request
CubeSat 12U Lunar	Yuzhnoye Design Bureau	Ukraine	Mass: 20 kg or less	on request
CubeSat 3.0 Personal Satellite Kit	Interorbital Systems	United States	Standard: CubeSat (1U-6U)	on request
CubeSat 3U Platform	IMT (Ingegneria Marketing Technologies)	—	Standard: CubeSat 3U	on request
CubeSat 6U Lunar	Yuzhnoye Design Bureau	Ukraine	Mass: 14 kg or less	on request
CubeSat 6U Platform	IMT (Ingegneria Marketing Technologies)	—	Standard: CubeSat 6U	on request
CubeSat Kit GEN1	Hex-Star Universe	India	Dimensions: 10 × 10 × 10 cm (1U)	on request
CubeSat Platform (1U-12U)	AAC Clyde Space	Sweden	Form factors: 1U to 12U CubeSat	on request
CubeSat Platforms	ISISPACE Group	Netherlands	Available form factors: 3U, 3UXL, 6U, 6UXL, 8U, 12U, 12UXL, 16U	on request
CubeSat Platforms	ZeroG Lab	China	—	on request
Cubesat Structures	NPC Spacemind	—	—	on request
CubeSatLab Platform	University of Luxembourg - CubeSatLab SNT	Luxembourg	Platform: 1U-3U CubeSat	on request
Customized Commercial LEO Satellite	Commsat Technology	China	Platform range: 6U CubeSat to 220 kg-class LEO satellite	on request
ESTCube-2	University of Tartu	Estonia	Form factor: 3U CubeSat	on request
EXA KRATOS 1U CubeSat Platform	EXA (Ecuadorian Space Agency)	Ecuador	Full engineering support: Included	on request
Exseed Space CubeSat Manufacturing	Exseed Space	India	Products: CubeSat platforms	on request
ExseedSAT CubeSat Platform	Exseed Space	India	Satellite: ExseedSAT-1 (1U CubeSat, December 2018 launch on SpaceX Falcon 9)	on request
ExseedSat-1 Amateur Radio CubeSat (VO-96)	Satellize	India	Form factor: 1U CubeSat (10 × 10 × 10 cm)	on request
FIREBIRD-II CubeSat	Montana State University	United States	Form factor: 1.5U CubeSat (pair)	on request
GEN-1P Reentry Capsule & PocketQube Satellite	Genesis SFL (Genesis Space Flight Laboratories)	Croatia	Dimensions: 64x64x67 mm	on request
GEN-1P Reentry Capsule and PocketQube Satellite	Genesis SFL (Genesis Space Flight Laboratories)	Croatia	Mission success: GEN-1P Reentry Capsule successfully completed microgravity...	on request
Geometric Energy CubeSat Missions	Geometric Energy Corporation	Canada	Notable mission: DOGE-1 lunar CubeSat	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Geoscan 16U	Geoscan	Russia	Massa v sbore (bez PN): 20 kg	on request
Geoscan 16U CubeSat Platform (InnoSat16)	Geoscan	Russia	Assembled mass (without payload): 20 kg	on request
Geoscan 1U CubeSat Platform	Geoscan	Russia	Form factor: 1U CubeSat	on request
Geoscan 3U	Geoscan	Russia	Assembled weight (without a payload): Modification 1 (truncated configurati...	on request
Geoscan Educational CubeSat Kit	Geoscan	Russia	Standard: CubeSat	on request
German Orbital Systems Satellite Platforms	German Orbital Systems	Germany	3u platform: D-STAR ONE Platform	on request
GomSpace 6U Platform Kit	GomSpace	Denmark	Form factor: 6U CubeSat	on request
Heimdallr 6U CubeSat	Ragnarok Industries	United States	Form factor: 6U CubeSat	on request
Hello Space Istanbul PocketQube Satellite	Hello Space	Turkey	Form factor: PocketQube (5 × 5 × 5 cm)	on request
HokuSat 1U CubeSat Bus	Mahina Aerospace	United States	–	on request
HORYU-2	Kyushu Institute of Technology (Kyutech)	Japan	Form factor: Nanosatellite, 350x310x315 mm	on request
Hydra Space PocketQube IoT Satellite Platform	Hydra Space	Spain	Satellite format: PocketQube 2P	on request
Infinity Space Product Portfolio (DragonSat, SerenSat-AI, Phoenix QuantumSat, ATLAS, HALO)	Infinity Space (OrbitalX)	United Kingdom	Dragonsat platform type: PocketQube	on request
Intrepid Platform	Tyvak International S.r.l.	Italy	–	on request
IOS CubeSat 3.0 Kit	Interorbital Systems	United States	Form factor: 1U to 6U	on request
IPN-CubeSat Satellite Systems	IPN – Instituto Politécnico Nacional	Mexico	Institution: Instituto Politécnico Nacional (IPN)	on request
Iris 27U Satellite Platform	Artemis Space	Australia	–	on request
ISISPACE 12U/16U CubeSat Bus	ISISPACE Group	Netherlands	Manufacturer: ISISPACE	on request
ISpaceI CubeSat Complete System 1U–3U	ISpaceI Satellite and Research	India	Form factors: 1U, 2U, 3U	on request
ISTSat-1	Instituto Superior Tecnico	Portugal	Type: 1U CubeSat	on request
Kitsat +	Kitsat	Finland	–	on request
LUMIO CubeSat Bus	Sidereus Space Dynamics	Italy	–	on request
MicroOrbiter-1 (MO-1) CubeSat	MicroOrbiter	Japan	Form factor: 1U CubeSat (10 cm cube)	on request
MINIATURE SATELLITES (PocketQubes)	Xavier Space Solutions (XavSat)	Ghana	Pocketqube: 1P Chassis (for XavSat-1)	on request
Nanosatellite Platform of CubeSat 3U Format	Glavkosmos	Russia	Interfaces for payload connecting: CAN, I2C, SPI, UART	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Nanostruct 12U	GomSpace	Denmark	Default structure mass: 1,496 g	on request
Nanostruct 16U	GomSpace	Denmark	Default structure mass: 1,496 g	on request
Nanostruct 6U	GomSpace	Denmark	Default structure mass: 665 g	on request
NanoStruct 8U	GomSpace	Denmark	Payload Volume: Up to 5U	on request
Nightjar	Rapidtek Technologies	Taiwan	Date: Aug.2024	on request
Nightjar / Black Kite-1 CubeSat Platforms	Rapidtek Technologies	Taiwan	Date (Nightjar): Aug.2024	on request
NUKAK-1 CubeSat Bus	Sequoia Space	Colombia	Form factors: 1U, 2U, 3U CubeSat	on request
NX-50	HEX20	India	Size: 3U CubeSat	on request
Odyssey 1U CubeSat	Skyline Celestial	United States	Form factor: 1U CubeSat	from \$3 600
ONDOSAT-OWL CubeSat	ONDO Space	Mongolia	Form factor: 0.5U CubeSat	on request
ORB-3 — 3U CubeSat Satellite Platform	OrbAstro	—	Form factor: 3U CubeSat	\$60 000
ORB-6 — 6U CubeSat Satellite Platform	OrbAstro	—	Form factor: 6U CubeSat	\$85 000
OrbiCraft-Pro 1U CubeSat Platform	SPUTNIX	Russia	Form factor: 1U CubeSat	on request
OrbiCraft-Pro 1U Experimental (SXC1)	SPUTNIX	Russia	Mass: 0.9-0.95 kg	on request
OrbiCraft-Pro 1U Flight (SXC1-GA)	SPUTNIX	Russia	Mass (with payload): 1.33 kg	on request
OrbiCraft-Pro 3U CubeSat Platform	SPUTNIX	Russia	Form factor: 3U CubeSat	on request
OrbiCraft-Pro 3U Experimental (SXC3)	SPUTNIX	Russia	Form factor: 3U CubeSat	on request
OrbiCraft-Pro 3U Flight (SXC3-GA)	SPUTNIX	Russia	Mass: 1.45 kg (4 kg max with payload)	on request
OrbiCraft-Pro Educational CubeSat Kit	SPUTNIX	Russia	Kit type: Functional CubeSat training kit	on request
OTS Joint CubeSat Program	OTS Joint CubeSat Project	—	Type: Multinational collaborative CubeSat program	on request
Otso	Kitsat	Finland	—	on request
OzQube-1	Picosat Systems	Australia	Dimensions: 5x5x5 cm	on request
P-DoT CubeSat Satellite Platform	Dhruva Space	India	Form factor: 0.5U to 12U CubeSat	on request
PHI-1 SAT	MBRSC	—	Launch date: 11 November 2025	on request
PocketQube Kit v1.0 EM	Alba Orbital	United Kingdom	Minisatcom radio variants: 420-450 MHz or 902-928 MHz	on request
PocketQube Kit v1.0 EM	Alba Orbital	United Kingdom	—	£10 299

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
R2D3 CubeSat Bus	Gran Systems	United States	Max. volume: 6U (reference config)	on request
RapidCube-10	Rapid Cubes GmbH	Germany	Mass class: 10 kg class	on request
RapidCube-100	Rapid Cubes GmbH	Germany	Mass class: 100 kg	on request
RapidCube-20	Rapid Cubes GmbH	Germany	Mass class: 15–25 kg	on request
RapidCube-20 CubeSat Bus	Rapid Cubes GmbH	Germany	CUBESAT class: 20 kg	on request
RapidCube-50	Rapid Cubes GmbH	Germany	Failure tolerance: Triple Modular Redundancy (TMR) achieved with 3 process...	on request
RapidCube-6	Rapid Cubes GmbH	Germany	Mass class: 8 kg	on request
RapidCube-6 CubeSat Bus	Rapid Cubes GmbH	Germany	CUBESAT class: 8 kg	on request
RASCube LB	Launchbox Space	Australia	Sensor data types: 30+	on request
Renegade	Terran Orbital	United States	Configuration: 12U (16U option)	on request
RoInSpace CubeSat Development Services	RoInSpace (RISE, Romanian InSpace Engineering)	Romania	Services: CubeSat development and engineering	on request
SABHASAT	Nebula Space Organisation	India	Volume: 30 cm X 10 cm X 10 cm	on request
SASSI2 (Student Aerothermal Spectrometer Satellite of Illinois and Indiana)	Purdue University	United States	Form factor: CubeSat (Purdue CubeSat Lab standard bus)	on request
Satellite Platform CubeSat 1U	Glavkosmos	Russia	Purpose: Designed for scientific and educational missions.	on request
Satellite Platform CubeSat 3U	Glavkosmos	Russia	Purpose: Designed for scientific and educational missions.	on request
Satellite Platform SXC6 ADC (SXC6-ADC)	SPUTNIX	Russia	Form factor: 6U	on request
Satellite Platform SXC6 Basic (SXC6-VOL)	SPUTNIX	Russia	Form factor: 6U	on request
Satellite Platform SXC6 RS (OrbiCraft-Pro 6U)	SPUTNIX	Russia	Form factor: 6U	on request
Satellite-as-a-Service (SataaS)	Spacety	China	Platform sizes offered: 6U, 12U	on request
Seiren CubeSat Bus Systems	SEIREN Co., Ltd. (Space Division)	Japan	Type: Ultra-small CubeSat	on request
Seiren CubeSat Bus Systems and SAR Satellite Antennas	SEIREN Co., Ltd. (Space Division)	Japan	Satellite type: Ultrasmall artificial satellites (CubeSAT)	on request
SG3 CubeSat Platform (4U / 16U)	SPUTNIX	Russia	Form factor: CubeSat 4U / 16U	on request
Spacemanic CubeSat Platforms	Spacemanic s.r.o.	Slovakia	Configuration options: 1U – 3U	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
Spacety Cubesat / Smallsat Platforms	Spacety	China	Platform sizes offered: 6U, 12U cubesat/smallsat buses	on request
STRaND-2 CubeSat Rendezvous Demonstrator	University of Strathclyde	United Kingdom	Type: 3U CubeSat	on request
Structure 3U CubeSat with Separation System	Glavkosmos	Russia	Purpose: The structure provides simple and fast assemble, at the same time ...	on request
SXC12 12U CubeSat Platform	SPUTNIX	Russia	Form factor: 12U CubeSat	on request
SXC6 6U CubeSat Platform	SPUTNIX	Russia	Form factor: 6U CubeSat	on request
TabletSat Platform	SPUTNIX	Russia	Form factor: 1U CubeSat	on request
Taurus 3U — CubeSat Satellite Platform	Satoro	United States	Form factor: 3U CubeSat	on request
TEPHRA-TESEL	NPC Spacemind	—	Payload volume: 9.6U	on request
The CubeSat Kit™	Pumpkin, Inc.	United States	—	on request
TheOrbiter — LEO Inspection Nanosatellite	SpaceAble	France	Satellite type: CubeSat nanosatellite (manufactured by GomSpace)	on request
Thybolt Mission	Dhruva Space	India	Stowed dimensions: 110.0 x 107.0 x 65.5 (mm) cuboid	on request
ToSpace CubeSat Services	ToSpace	India	Services: CubeSat development, educational satellite programs	on request
TubeSat 3.0 Personal Satellite Kit	Interorbital Systems	United States	Form factor: Hexadecagonal (16-sided) prism	on request
UMsat CubeSat	University of Massachusetts Amherst	United States	Form factor: 1U (10 cm x 10 cm x 10 cm modular unit)	on request
UoBSat-1 CubeSat Research Platform	University of Bristol	United Kingdom	Type: 1U CubeSat	on request
V-BUS Modular CubeSat Platform	Serenum Space	Czech Republic	Standard: CubeSat standard compatible	on request
VERSE Cubesat Structures	2NDSpace Srl	Italy	—	on request
VERSE-02 2U Cubesat Structure	2NDSpace Srl	Italy	Form factor: 2U	on request
VERSE-03 3U Cubesat Structure	2NDSpace Srl	Italy	Form factor: 3U	on request
VERSE-06 6U Cubesat Structure	2NDSpace Srl	Italy	Form factor: 6U	on request
VERSE-08 8U Cubesat Structure	2NDSpace Srl	Italy	Form factor: 8U	on request
VERSE-12 12U Cubesat Structure	2NDSpace Srl	Italy	Form factor: 12U	on request
VERSE-16 16U Cubesat Structure	2NDSpace Srl	Italy	Form factor: 16U	on request
WISeSat — Post-Quantum Secure LEO IoT Satellite Constellation	SEALSQ / WISeSat	Switzerland	Satellites deployed: 21 (as of mid-2026); target 100-satellite constellation	on request
XavSat PocketQubes (1P to 3P)	Xavier Space Solutions (XavSat)	Ghana	Pocketqube: 1P Chassis (XavSat-1 Mission)	on request

PRODUCT	MANUFACTURER	COUNTRY	KEY SPECIFICATION	PRICE
XDSAT NL	XDLINX Space Labs	India	Bus type: 12U - 16U	on request
XDSAT NS	XDLINX Space Labs	India	Bus type: 6U	on request
Xplora 12U CubeSat Platform	Artemis Space	Australia	–	on request
Xplora 16U CubeSat Platform	Artemis Space	Australia	–	on request
Xplora 3U CubeSat Platform	Artemis Space	Australia	–	on request
Xplora 6U CubeSat	Artemis Space	Australia	–	on request
Xplora 8U CubeSat Platform	Artemis Space	Australia	–	on request

Products by manufacturer

2NDSpace Srl

ITALY · 2023 · 7 PRODUCTS

New Space company designing modular nanosatellite/CubeSat hardware: structures, solar panels, EPS, antennas, OBCs, and deployers/separation systems.



2NDSpace Srl
VERSE Cubesat Structures

The VERSE series offers modular CubeSat structures from 1U to 16U, designed for high performance, versatility, and flight-proven reliability.

[price on request](#)



2NDSpace Srl
VERSE-02 2U Cubesat Structure

The VERSE-02 is a 2U CubeSat structure designed for maximized ease of integration, enhanced structural performances, and flight-proven reliability.

Form factor	2U
Mass	195 g
Deployment switches	Up to 6
Dimensions	100x100x227 mm
Stack number	1/2

[price on request](#) [datasheet](#)



2NDSpace Srl
VERSE-03 3U Cubesat Structure

The VERSE-03 is a 3U CubeSat structure designed for ease of integration, enhanced structural performance, and flight-proven reliability, fully compliant with CDS interfaces.

Form factor	3U
Mass	290 g
Deployment switches	Up to 6
Dimensions	100x100x340,5 mm
Weight	310 g

[price on request](#) [datasheet](#)



2NDSpace Srl
VERSE-06 6U Cubesat Structure

The VERSE-06 is a 6U CubeSat structure designed for maximized ease of integration and enhanced structural performances, offering flight-proven reliability and full compliance with

Form factor	6U
Mass	690 g
Deployment switches	Up to 6
Dimensions	100x226,3x340,5 mm

[price on request](#) [datasheet](#)



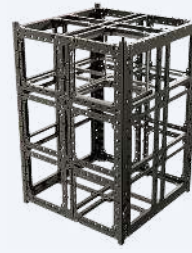
2NDSPACE SRL

VERSE-08 8U Cubesat Structure

The VERSE-08 is an 8U CubeSat structure designed for maximized ease of integration and access, offering enhanced structural performances and full compliance with CDS interfaces.

Form factor	8U
Mass	890 g
Deployment switches	Up to 6
Dimensions	100x226,3x454 mm
Stack number	Custom

[price on request](#) [datasheet](#)



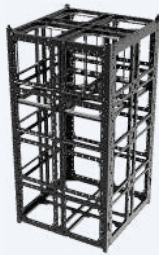
2NDSPACE SRL

VERSE-12 12U Cubesat Structure

The VERSE-12 is a 12U CubeSat structure designed for maximized ease of integration and access, offering enhanced structural performances and flight-proven reliability.

Form factor	12U
Mass	1190 g
Dimensions	100x226,3x366 mm
Weight	1915 g
Deployment Switches	6

[price on request](#) [datasheet](#)



2NDSPACE SRL

VERSE-16 16U Cubesat Structure

The VERSE-16 is a 16U CubeSat structure designed for maximized ease of integration, enhanced structural performances, and flight-proven reliability.

Form factor	16U
Mass	1520 g
Dimensions	226x226,3x454 mm
Stack number	Custom
Deployment Switches	6

[price on request](#) [datasheet](#)

AAC Clyde Space

SWEDEN · 1999 · 1 PRODUCT

AAC Clyde Space provides small satellite technologies and space-based data services, offering end-to-end solutions from satellite components to data analytics for various applications.



AAC CLYDE SPACE

CubeSat Platform (1U-12U)

Modular nanosatellite platform from 1U to 12U configurations — power, ADCS, communication, and structural subsystems, with flight heritage across hundreds of CubeSat missions.

Form factors	1U to 12U CubeSat
Subsystems	EPS, ADCS, OBC, communication modules (UHF/VHF/S/X-band)
Flight heritage	Hundreds of CubeSat missions since 2005
Services	Design, manufacturing, testing, launch integration, operations
Listing	Nasdaq First North Growth Market

price on request

Akula Tech

AUSTRALIA · 2022 · 1 PRODUCT

Melbourne-based deep-tech startup building AI-powered smart satellites with onboard hyperspectral data processing and in-orbit AI model execution.



AKULA TECH

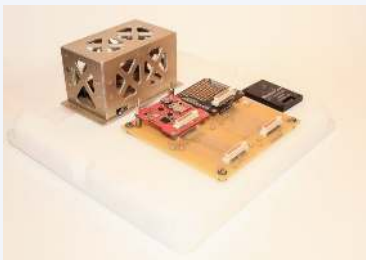
A16 — 16U CubeSat Platform

Akula Tech's 16U CubeSat bus for AI and edge-computing missions: 8–10U scalable payload volume, 144W solar array, up to 336 Wh storage, 1 Gbps S/X-band downlink, and optional up to

Form factor	16U CubeSat (expandable to 30U)
Payload volume	8U–10U scalable
Solar array power	144 W
Battery capacity	168–336 Wh (scalable)
Downlink (standard)	4 Mbps S-band / 9 kbps UHF

price on request

Alba Orbital manufactures PocketQube satellites, provides launch and ground station services, and operates a fleet of nighttime imaging satellites for government and commercial clients.



ALBA ORBITAL
PocketQube Kit v1.0 EM

The PocketQube Kit v1.0 EM is a low-cost satellite development kit designed to widen access to space for smaller budget organizations, ideal for STEM educators and governmental cus

Minisatcom radio variants	420-450 MHz or 902-928 MHz
OBC microcontroller	TI MSP430
OBC supply voltage	3.3 V
OBC protocols	SPI and I2C
Expected shipping time	12-16 Weeks

price on request [datasheet](#)



ALBA ORBITAL
PocketQube Kit v1.0 EM

The PocketQube Kit v1.0 EM is a comprehensive kit designed for educational and development purposes, allowing users to build and test their own PocketQube satellite.

£10 299

Alya Space

Brazilian nanosatellite company founded 2019 in Salvador-Bahia developing a planned 216-satellite LEO constellation for environmental monitoring and climate observation.

ALYA SPACE
Alya Space CubeSat Bus

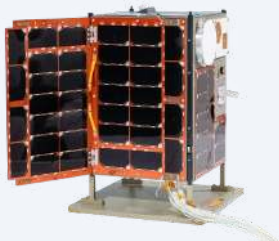
Brazilian CubeSat platform provider supporting Latin American small satellite missions with integrated bus and payload solutions.

Type	CubeSat bus platform
Market	Latin America

price on request

Alén Space

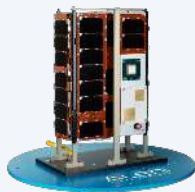
Alén Space designs, manufactures, and operates small satellites, providing end-to-end mission development services and advanced communication platforms, subsystems, and components for space and ground



ALÉN SPACE 12U PLATFORM

The Alén Space 12U platform is manufactured with high-quality processes and designed to accelerate the development time of nanosatellite projects or small satellite constellations.

[price on request](#) [datasheet](#)



ALÉN SPACE 6U PLATFORM

The Alén Space 6U Platform is a flight-heritage (TRL 9) small satellite platform designed for various missions, offering robust power, ADCS, OBC, and communication capabilities.

Payload mass	6900 – 7825 g
Payload volume	3.5 – 4.7 U
Peak Power Consumption	180 W
Battery capacity	92 Wh
TTC downlink data rate	0.5 – 512 kbps

[price on request](#) [datasheet](#)

ALÉN SPACE 3U PLATFORM

The Alén Space 3U Platform is a flight-heritage (TRL 9) small satellite platform designed for various missions, offering robust power, ADCS, OBC, and communication capabilities.

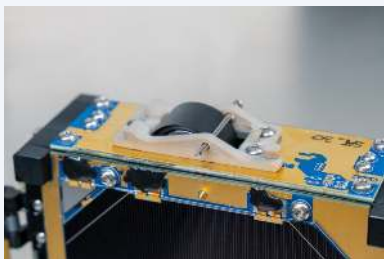
Payload mass	570 – 1400 g
Payload volume	1.4 – 2.2 U
Peak Power Consumption	180 W
Battery capacity	92 Wh
ADCS measurement accuracy (Upgraded)	0.1 deg (High accuracy)

[price on request](#) [datasheet](#)

Apogeo Space

ITALY · 2019 · 1 PRODUCT

Italian picosatellite manufacturer and IoT connectivity provider building 0.3U–6U CubeSat platforms and antennas for agricultural, industrial, maritime, and environmental monitoring applications.



APOGEO SPACE 1U, 3U, 6U CubeSat Platform

Scalable picosatellite platforms for IoT, EO, and communications — 0.5–5 kg payload, passive/active ADCS, UHF/VHF/S-band, LoRa/FSK/QPSK, up to 128 GB storage. TRL 5.9.

Form factor	1U, 3U, 6U (CubeSat Specification)
TRL	5.9
Payload mass	0.5–5 kg
Payload volume	0.3 U – 2.5 U
Payload power (Average)	3–20 W
price on request	

Artemis CubeSat Kit

UNITED STATES · 1 PRODUCT

Artemis CubeSat Kit provides technical resources for an open-source, space-ready hardware and software package for aerospace engineering education.

ARTEMIS CUBESAT KIT	
Artemis CubeSat Education Platform	
Artemis CubeSat Kit — an open-source hardware and curriculum platform for building and flying 1U CubeSats, developed for secondary and university-level STEM education programs.	
Format	1U CubeSat (10×10×10 cm)
OBC	Arduino/ARM-compatible microcontroller (open source firmware)
Radio	UHF transceiver (amateur satellite frequency)
Design	Open-source hardware (PCB schematics, firmware, curriculum materials)
Target users	High school + university STEM programs
price on request	

Artemis Space

AUSTRALIA · 6 PRODUCTS

Artemis Space Technologies provides an end-to-end space ecosystem including CubeSat and microsatellite platforms (Xplora 3U–16U, Iris 27U, X1/X2/X3), hosted payloads, launch services, ground stations, and marketplace for space hardware.

	
ARTEMIS SPACE	
Iris 27U Satellite Platform	
Cost-effective 27U satellite platform for constellations and advanced missions, with 30 kg max payload capacity.	
price on request	

	
ARTEMIS SPACE	
Xplora 12U CubeSat Platform	
The Xplora 12U CubeSat is a compact, affordable, and high-performance standardized platform designed to carry advanced payloads for single or multi-mission concepts.	
price on request	



ARTEMIS SPACE

Xplora 16U CubeSat Platform

The Xplora 16U CubeSat is a compact, affordable, high-performance standardized platform designed to operate various payloads, offering customization for mission-specific needs.

price on request



ARTEMIS SPACE

Xplora 3U CubeSat Platform

The Xplora 3U CubeSat is a compact, affordable, and high-performance platform designed to operate various payloads, offering customization for mission-specific needs.

price on request



ARTEMIS SPACE

Xplora 6U CubeSat

The Xplora 6U CubeSat is a compact, affordable, and high-performance platform designed to host various payloads for space missions.

price on request



ARTEMIS SPACE

Xplora 8U CubeSat Platform

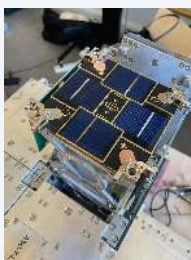
The Xplora 8U CubeSat is a compact, affordable, and high-performance standardized platform designed to operate various payloads, offering customization for mission-specific needs.

price on request

Astronomikon Lab

RUSSIA · 1 PRODUCT

Russian engineering lab designing and building CubeSat-format nano- and picosatellites and related mechatronics components.



ASTRONOMIKON LAB

Astronomikon Lab CubeSat Research

Russian amateur and research CubeSat laboratory developing small satellite technology and supporting educational space missions.

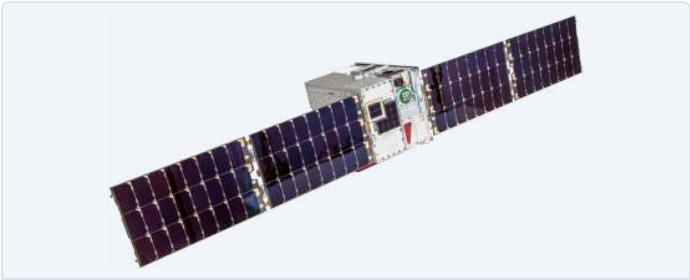
Focus CubeSat research and education

Country Russia

price on request

Blue Canyon Technologies

UNITED STATES · 2008 · 4 PRODUCTS



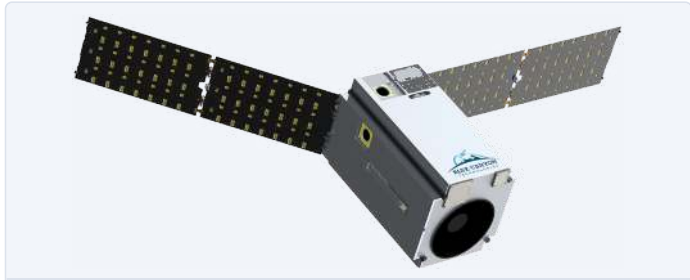
BLUE CANYON TECHNOLOGIES

12U CubeSat

The Blue Canyon Technologies 12U CubeSat is a reliable, high-performing, and flight-proven satellite bus from the XB line, offering a turnkey solution for various space missions.

Class	12U
Available payload volume	8U (typical)
Pointing accuracy	±0.002° (1-sigma), 3 axes, 2 Trackers
Orbit altitude / orbit lifetime	LEO (> 5 years), GEO (> 2 years), Deep Space (> 2 years)
Real-world missions	Proven Heritage

[price on request](#) [datasheet](#)



BLUE CANYON TECHNOLOGIES

16U CubeSat

The 16U CubeSat is a reliable, high-performing, and flight-proven satellite bus from Blue Canyon Technologies' XB line, offering a turnkey solution for various space missions.

Class	16U
Available payload volume	12U (typical)
Pointing accuracy	±0.002° (1-sigma), 3 axes, 2 Trackers
Orbit altitude / orbit lifetime	LEO (> 5 years), GEO (> 2 years), Deep Space (> 2 years)
Real-world missions	Proven Heritage

[price on request](#) [datasheet](#)



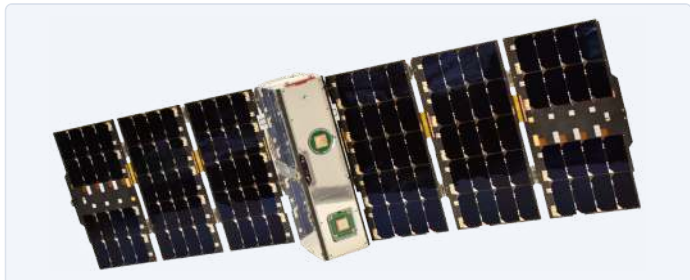
BLUE CANYON TECHNOLOGIES

3U CubeSat

The Blue Canyon Technologies 3U CubeSat is a reliable, high-performing, and flight-proven satellite platform, offering a turnkey solution for various space missions.

Class	3U
Available payload volume	1.5U (typical)
Pointing accuracy	±0.003° (1-sigma), 2 axes, 1 Tracker
Orbit altitude / orbit lifetime	LEO (> 5 years), GEO (> 2 years), Deep Space (> 2 years)
Units launched	18

[price on request](#) [datasheet](#)



BLUE CANYON TECHNOLOGIES

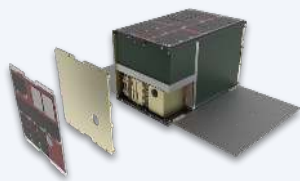
6U CubeSat

The Blue Canyon Technologies 6U CubeSat, part of the XB line, is a reliable, high-performing, and flight-proven satellite platform offering a turnkey solution for various space mis

Class	6U
Available payload volume	4U (typical)
Pointing accuracy	±0.002° (1-sigma), 3 axes, 2 Trackers
Orbit altitude / orbit lifetime	LEO (> 5 years), GEO (> 2 years), Deep Space (> 2 years)
Real-world missions	Proven Heritage

[price on request](#) [datasheet](#)

Hungarian manufacturer of small satellite platforms, subsystems, and mission services with a 100% mission success rate, serving NewSpace and traditional satellite markets.



C3S LLC
12U CubeSat

C3S's 12U CubeSat platform is optimized for high dissipation density and thermo-elasticity, offering great flexibility for payload integration and high power availability.

price on request [datasheet](#)

Commsat Technology

Chinese private LEO satellite technology company providing satellite manufacturing, constellation design, ground terminals, and space education services.

COMMSAT TECHNOLOGY
Customized Commercial LEO Satellite

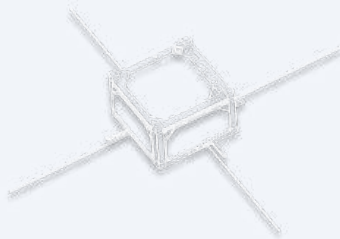
Highly customized LEO satellite product with end-to-end R&D, manufacturing, and in-orbit delivery for telecom, navigation, and remote sensing missions.

Platform range	6U CubeSat to 220 kg-class LEO satellite
Applications	Telecommunications, navigation, remote sensing, science research
Throughput (broadband model)	10 Gbps
Manufacturing capacity	100 satellites/year

price on request

Dhruva Space

Dhruva Space is an Indian space technology company founded in 2012, providing satellites, Earth stations, and launch services as integrated or individual solutions.



DHRUVA SPACE



DHRUVA SPACE

P-DoT CubeSat Satellite Platform

TRL-9 CubeSat bus (0.5U to 12U) for LEO missions, pre-qualified for payload integration with 3-axis stabilization and up to 5-year mission lifetime.

Form factor	0.5U to 12U CubeSat
Platform mass	1–24 kg
Mission lifetime	Up to 5 years
Pointing accuracy	Up to 0.1°
Stabilization	3-axis stabilized

price on request

Thybolt Mission

The Thybolt Mission successfully deployed Thybolt-1 and Thybolt-2 CubeSats to validate Dhruva Space's Polaris Demonstrator of Technologies (P-DoT) Satellite Platform and enable ama

Stowed dimensions	110.0 x 107.0 x 65.5 (mm) cuboid
Mass	<750 g
Orbit	Near circular polar sun-synchronous orbit
Structure	Anodised aluminium structure
Solar panel	Body-mounted Solar Panels

price on request

EnduroSat

BULGARIA · 2015 · 3 PRODUCTS

Software-flexible CubeSat platforms (1U–16U+), shared-satellite hosted-payload service.



ENDUROSAT 16U Platform

The EnduroSat 16U Platform is a high-performance satellite bus designed for demanding missions, offering a large payload volume and power for various applications.

Available payload mass	70 kg
------------------------	-------

price on request



ENDUROSAT 8U CubeSat Structure

A flight-proven 8U satellite structure, offering a flexible and precise frame for CubeSats with a lightweight design and hard-anodized surface.

Mass	973 g
Dimensions	100 x 226.3 x 454 mm
Material	Aluminum 6082
Compliance	PC104 full compliance, CubeSat Standard

price on request



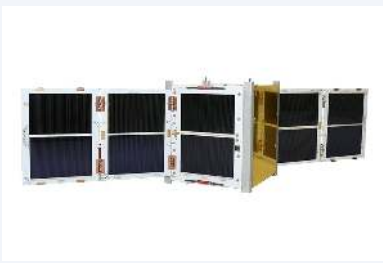
ENDUROSAT 8U Platform

The 8U Platform is a high-performance CubeSat bus designed for demanding space missions, offering a robust and flexible solution for various payloads.

Bus mass	11.2–11.7 kg
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price on request

Ecuadorian civilian space agency and manufacturer of high-energy-density batteries, deployable solar arrays and CubeSat platforms.



EXA (ECUADORIAN SPACE AGENCY)
EXA KRATOS 1U CubeSat Platform

The EXA KRATOS 1U CubeSat Platform is a configurable 1U spacecraft bus designed to allow developers to focus on their payload and mission, coming VTV tested with all necessary comp

Full engineering support	Included
Test reports	Included
Eudp, icd	Included
3, coo, msds	Included
Shipped in	Pelican 1300 Case

price on request

Exseed Space

Exseed Space, operating as Satellize, designs, builds, and operates sovereign satellite programs for governments, ministries, and national agencies, including payloads, ground segments, and operator t

EXSEED SPACE
Exseed Space CubeSat Manufacturing

Indian CubeSat manufacturer developing satellite platforms for IoT connectivity and Earth observation missions.

Products	CubeSat platforms
Applications	IoT connectivity, Earth observation
Country	India

price on request

EXSEED SPACE
ExseedSAT CubeSat Platform

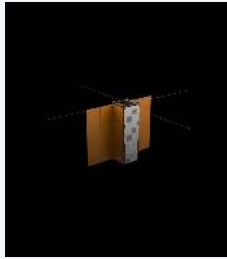
Exseed Space's ExseedSAT CubeSat — India's first crowdfunded amateur radio satellite, demonstrating Exseed Space's commercial small satellite manufacturing capability.

Satellite	ExseedSAT-1 (1U CubeSat, December 2018 launch on SpaceX Falcon 9)
Payload	Amateur radio transponder (437.455 MHz, 1200 baud BPSK)
Significance	India's first crowdfunded amateur radio satellite
Services	CubeSat design, manufacturing, ground station services
HQ	India (early-mover NewSpace company)

price on request

Fleet Space Technologies

Australian space technology company providing ExoSphere seismic intelligence for mineral exploration, integrating satellite networks, edge computing, and AI for real-time 3D subsurface imaging.



FLEET SPACE TECHNOLOGIES

Centauri

Centauri is Fleet Space Technologies' family of low Earth orbit nanosatellites that deliver IoT/M2M connectivity and act as the space-based data relay backbone for the company's Ex

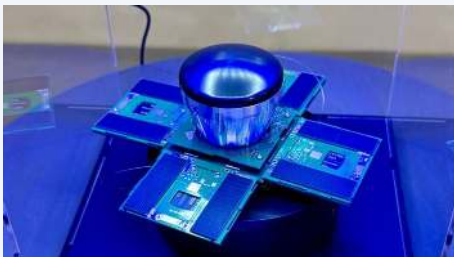
Form factor (Centauri 1 & 2)	3U CubeSat
Form factor (Centauri 3 & 4)	6U CubeSat, <10 kg
Form factor (Centauri 6-9)	12U CubeSat, ~25 kg
Orbit altitude	550-600 km
Orbit inclination	45 degrees

price on request

Genesis SFL (Genesis Space Flight Laboratories)

CROATIA · 2 PRODUCTS

Genesis Space Flight Laboratories develops reusable reentry capsules, satellites, and microgravity missions, offering hosted payload services for research and commercial projects.



GENESIS SFL (GENESIS SPACE FLIGHT LABORATORIES)

GEN-1P Reentry Capsule & PocketQube Satellite

The GEN-1P Reentry Capsule is a pico space capsule designed for microgravity research, capable of returning biological samples and flight data to Earth. It is hosted by PocketQube-

Dimensions	64x64x67 mm
Payload mass	148 g
Payload power available	430 mW
Battery	700 mAh
Solar arrays	4x123 mW + 4 deployable side panels x3x123 mW cells

price on request



GENESIS SFL (GENESIS SPACE FLIGHT LABORATORIES)

GEN-1P Reentry Capsule and PocketQube Satellite

The GEN-1P Reentry Capsule is a pico space capsule designed for microgravity research and payload recovery, often hosted by the PocketQube-class GEN-1p satellite bus. It offers a r

Mission success	GEN-1P Reentry Capsule successfully completed microgravity research demo mission and paylo
Launch location	Espace Space Center
Rideshare program cost (Passive Sample)	From €6K/sample
Rideshare program cost (Active Sample for Infrared Sensor Missions)	From €12K/sample
Rideshare program duration	Up to 9 months

price on request

Canadian diversified R&D and space holding company behind DOGE-1, the first crypto-funded lunar CubeSat payload launched on Falcon 9.

GEOMETRIC ENERGY CORPORATION

Geometric Energy CubeSat Missions

Canadian company known for the DOGE-1 lunar CubeSat mission, developing small satellite platforms for commercial and technology demonstration purposes.

Notable mission

DOGE-1 lunar CubeSat

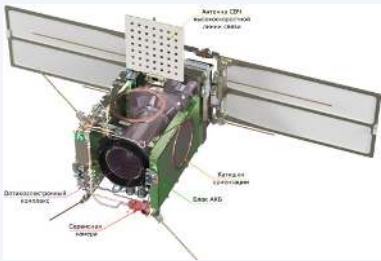
Country

Canada

price on request

Geoscan

Geoscan designs and manufactures unmanned aerial systems, CubeSats, avionics, and related components, offering services like aerial photography, geological exploration, and drone shows globally.



GEOSCAN

Geoscan 16U

The Geoscan 16U is a CubeSat 16U satellite platform designed for Earth remote sensing and communication missions, providing power, control, attitude determination and control, and

Massa v sbore (bez PN)

20 kg

Gabarity v slozhennom sostoyanii

251,3 × 251,3 × 454 mm (251,3 × 251,3 × 512 mm s Tuna Can)

Napryazhenie sistemnoy shiny

10,5...12,6 V

Interfeys bortovoy shiny

2 kh CAN UART

Obem pamyati

13 kh FRAM 8 Mbit 1 kh MRAM 16 Mbit 3 kh NOR Flash 512 Mbit 2 kh SPI NOR 2 Gbit

price on request

GEOSCAN

Geoscan 16U CubeSat Platform (InnoSat16)

The Geoscan 16U is a microsatellite platform in the CubeSat 16U form factor developed for Earth remote sensing and communications missions. InnoSat16, the first 16U CubeSat built b

Assembled mass (without payload)

20 kg

Maximum total mass with payload

32 kg

Dimensions folded

251.3×251.3×454 mm (251.3×251.3×512 mm with Tuna Can)

Power bus voltage

10.5–12.6 V

On-board bus interface

2×CAN, UART

price on request



GEOSCAN

Geoscan 1U CubeSat Platform

The Geoscan 1U CubeSat Platform is a nanosatellite platform built to the CubeSat 1U standard (10×10×10 cm, up to 2 kg), developed by Geoscan for educational space missions. Geoscan

Form factor	1U CubeSat
Dimensions	100 × 100 × 100 mm
Mass	Up to 2 kg
Low-speed radio frequency	435–438 MHz (UHF)
Low-speed data rate	2400, 9600, 57600 bit/s

price on request



GEOSCAN

Geoscan 3U

Geoscan 3U is a 3U CubeSat small spacecraft platform developed by Geoscan for educational and technology-demonstration missions, carrying up to four payloads for Earth remote sensi

Assembled weight (without a payload)	Modification 1 (truncated configuration): 1,8; Modification 2 (full set): 2,3
Maximum weight of a payload	Modification 1: 4.2 kg; Modification 2: 3.7 kg
Maximum weight including a payload	6 kg
Dimensions folded (with separation system locked)	100 × 100 × 340,5 (100×100×376,5 with Tuna Can)
Available volume for a payload	95 × 95 × 180 (~2U) mm

price on request

[datasheet](#)



GEOSCAN

Geoscan Educational CubeSat Kit

The Geoscan Educational CubeSat Kit is a complete nanosatellite development package designed for school and university students under the Space-π educational initiative supported b

Standard	CubeSat
Target users	School and university students
Program	Space-π (Russia) – educational satellite constellation initiative
Applications	Satellite design and assembly training, amateur radio experiments, LEO flight tests, space
Documentation	Passport, manual, user software libraries

price on request

German Orbital Systems provides turnkey solutions for space missions and satellite components, including modular satellite platforms and consulting services, with 11 satellites launched since 2014.



GERMAN ORBITAL SYSTEMS
German Orbital Systems Satellite Platforms

German Orbital Systems offers a range of CubeSat platforms (3U, 6U, 16U) designed with a 'new space' philosophy, emphasizing modularity, COTS components, and rapid mission execution.

3u platform	D-STAR ONE Platform
3u platform TRL	9 – flight heritage
3u platform AOCS	Active/passive
3u platform free space	1.5-2U
3u platform data downlink	S band

price on request

Glavkosmos

RUSSIA · 1985 · 5 PRODUCTS

Glavkosmos coordinates international human spaceflight projects, facilitates satellite launches, develops and supplies rocket components, and provides equipment for space crews.



GLAVKOSMOS
3U Cubesat Platform

The 3U Cubesat Platform is a universal satellite bus designed for operation in space conditions at altitudes up to 1500 km, offering adaptability to customer requirements.

Purpose	This platform is intended for operation in space conditions at an altitude of up to 1500 k
Year of release	2017
Design life	1 year
Lead time	12 months
Flight qualification of the product	No

price on request

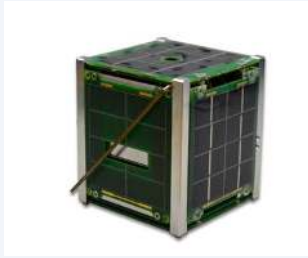


GLAVKOSMOS
Nanosatellite Platform of CubeSat 3U Format

SamSat 3U CubeSat platform for scientific and technological experiments, with ~2 dm³ of payload volume.

Interfaces for payload connecting	CAN, I2C, SPI, UART
Voltage of payload	3.3 / 5 / 7 / 14 V
Maximum current consumption of payload	2 A
Memory of microsd card	32 GB
Contains	Onboard computer, electrical power system, transceiver, attitude stabilization system

price on request



GLAVKOSMOS

Satellite Platform CubeSat 1U

A 1U CubeSat platform designed for scientific and educational missions, featuring an integrated power supply, onboard computer, UHF transceiver, and flight heritage.

Purpose	Designed for scientific and educational missions.
Year of release	2018
Design life	1 years
Lead time	5 months
Flight qualification of the product	Yes

price on request



GLAVKOSMOS

Satellite Platform CubeSat 3U

The Satellite Platform CubeSat 3U is a fully assembled, verified, and tested satellite platform designed for scientific and educational missions, offering an active lifetime of at

Purpose	Designed for scientific and educational missions.
Year of release	2018
Design life	1 years
Lead time	5 months
Flight qualification of the product	No

price on request



GLAVKOSMOS

Structure 3U CubeSat with Separation System

A 3U CubeSat structure designed for modular satellite construction, compliant with CubeSat Design Specification, and includes a separation system for container launches.

Purpose	The structure provides simple and fast assemble, at the same time is durable base for the
Year of release	2017
Design life	3 years
Lead time	2 months
Flight qualification of the product	No

price on request

GomSpace is a Danish CubeSat manufacturer producing satellite platforms, subsystems, and end-to-end mission solutions. Products include the NanoCom radio modules, NanoPower EPS, and complete 1U–12U satellite platforms. GomSpace has one of t



GOMSPACE

12U Platform Kit

The GomSpace 12U Platform Kit is a scalable satellite solution designed to reduce time to launch and project risk for commercial, academic, and government entities.

Dimensions	12U
Peak input power	~100 W
Peak output power	~300 W
Battery capacity	From 77 Wh
Ground data rates (Uplink)	7.5 Mbps

price on request



GOMSPACE

16U Platform Kit

The GomSpace 16U Platform Kit is a scalable satellite solution designed to accelerate mission development by providing a ready-to-assemble platform using trusted subsystems, leavin

Dimensions	16U
Peak input power	Up to ~100 W
Peak output power	Up to ~300 W
Battery capacity	From 77 Wh
Ground data rates (Uplink)	Up to 7.5 Mbps

price on request



GOMSPACE

16U Platform Kit

GomSpace 16U Platform Kit reduces time to launch and project risk without compromising performance.

price on request [datasheet](#)



GOMSPACE

6U Platform Kit

The GomSpace 6U Platform Kit is a ready-to-use satellite platform designed to accelerate space missions by providing a pre-integrated solution based on GomSpace's standard componen

Dimensions	6U
Peak input power	Up to ~100 W
Peak output power	Up to ~300 W
Battery capacity	From 77 Wh
Ground data rates (Uplink)	Up to 7.5 Mbps

price on request [datasheet](#)



GOMSPACE

8U Platform Kit

The GomSpace 8U Platform Kit is a scalable satellite solution designed to accelerate space missions by providing a ready-to-assemble platform with up to 5U dedicated for mission-sp

Dimensions	8U
Peak input power	~100 W
Peak output power	~300 W
Battery capacity	From 77 Wh
Ground data rates (Uplink)	7.5 Mbps

[price on request](#)



GOMSPACE

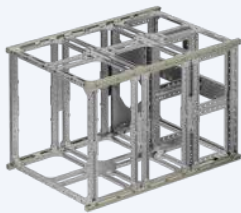
GomSpace 6U Platform Kit

The GomSpace 6U Platform Kit reduces time to launch and project risk without compromising performance. The satellite components are based on GomSpace's portfolio of standard,

Form factor	6U CubeSat
Payload volume	Up to 3U
Delivery	Kit with components, documentation, assembly instructions
Scalable to	8U, 12U, 16U using same subsystems
Flight heritage	Flight-proven GomSpace standard subsystems

[price on request](#)

[datasheet](#)



GOMSPACE

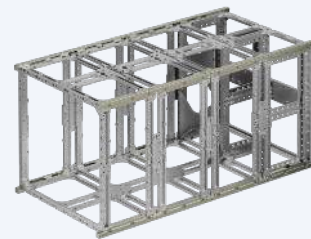
Nanostruct 12U

NanoStruct 12U gives you the freedom to build commercial missions with high demands for payload space and orbit control, offering high reliability and design flexibility to accelera

Default structure mass	1,496 g
Payload volume	Up to 9U
Material	Aluminum 7075
Rails finish	Hard anodised
Structure finish	Surtec 650 TCP

[price on request](#)

[datasheet](#)



GOMSPACE

Nanostruct 16U

The NanoStruct 16U is a satellite structure designed to accommodate larger missions with increased room for payloads, power, and technology, offering high reliability and design fl

Default structure mass	1,496 g
Payload volume	13U available
Killswitches	Four
Outside measurements (without kill switches)	340.5 x 226.3 x 226.3 mm
Material	Aluminum 7075

[price on request](#)



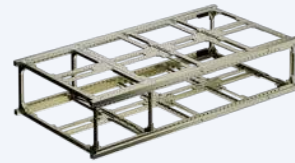
GOMSPACE

NanoStruct 6U

NanoStruct 6U offers a compact, reliable, and cost-efficient structure to host your mission payloads, enabling faster access to orbit and supporting versatile applications.

Default structure mass	665 g
Available for Payload	Up to 3U
Material	Aluminum 7075
Outside measurements (with killswitches retracted)	340.5 x 226.3 x 100.0 mm
Mass	665 g

[price on request](#) [datasheet](#)



GOMSPACE

NanoStruct 8U

NanoStruct 8U provides the perfect balance between capacity and compact design, offering more room for payloads and power without the cost of larger platforms.

Payload Volume	Up to 5U
Outside measurements (with killswitches retracted)	454 x 226.3 x 100.0 mm
Default structure mass	956 g
Material	Aluminum 7075
Mass	956 g

[price on request](#) [datasheet](#)

Gran Systems

UNITED STATES · 1 PRODUCT

System integrator and manufacturer of CubeSat structures, buses, and MyPOD test/transport pods, with space environment test equipment services.



GRAN SYSTEMS

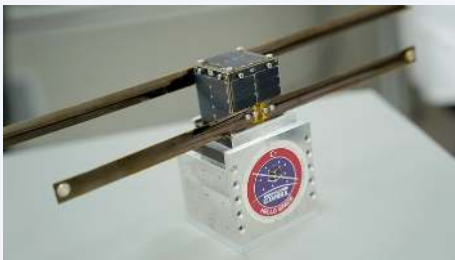
R2D3 CubeSat Bus

Scalable 1U-16U integrated CubeSat bus platform with OBC, EPS, and optional deorbit drag device.

Max. volume	6U (reference config)
Max. mass	12 kg
Peak power	50 W
3-sigma pointing control/knowledge	2° / 2°
Destination	LEO, Lunar

[price on request](#)

Istanbul-based satellite IoT company operating PocketQube LoRaWAN satellites in LEO — providing global narrowband data connectivity for remote IoT devices across maritime, energy, agriculture, and logistics.



HELLO SPACE

Hello Space Istanbul PocketQube Satellite

LoRaWAN IoT nanosatellite (5×5×5 cm PocketQube) launched on SpaceX Falcon 9 in May 2023 — provides global narrowband IoT data relay from ~500 km LEO across maritime, energy, agricu

Form factor	PocketQube (5 × 5 × 5 cm)
Orbit	LEO, ~500 km altitude
Communication protocol	LoRaWAN (narrowband IoT)
Launch	SpaceX Falcon 9 rideshare, May 2023
Alliance membership	LoRa Alliance member

price on request

Hex-Star Universe

India-based space EdTech platform offering CubeSat and CanSat educational kits, high-altitude balloon hardware, and online space science courses for students worldwide.



HEX-STAR UNIVERSE

CanSat Kit

All-in-one CanSat educational kit simulating a real satellite mission with LoRa telemetry and live web dashboard.

Sensors	Temperature, humidity, barometric pressure, altitude, GPS, acceleration, gyroscope
Communication	LoRa 433 MHz module, long-range
Dashboard	Web-based live UI: GPS position, altitude, pressure, acceleration, orientation
Payload capacity	Up to 1 kg



HEX-STAR UNIVERSE

CubeSat Kit GEN1

Educational 1U CubeSat build kit with 20+ sensors, 433 MHz RF comms, GPS, and live AI-powered web dashboard.

Dimensions	10 × 10 × 10 cm (1U)
Mass	300 g
Sensors	20+ types: humidity, temperature, barometric pressure, altitude, gyroscope, accelerometer,
Communication	433 MHz RF module
Range	100 m – 1 km

price on request

Compatibility Parachute-compatible for recovery

price on request

HEX20

INDIA · 5 PRODUCTS

Indian small satellite manufacturer offering flight-proven platforms, subsystems, and mission-as-a-service solutions.



HEX20

AX Satellite Platform Family (AX-03/06/12)

Flight-proven CubeSat bus family in 3U/4U, 6U/8U, and 12U/16U sizes — SmartFusion2 ARM Cortex-M3 OBC, CCSDS-compliant comms, 48W payload power.

Ax-03	3U/4U, 2U payload volume, UHF/S-band
Ax-06	6U/8U, 5U payload volume, UHF/X-band/S-band optional
Ax-12	12U/16U, 10U payload volume, UHF/X-band/K-band
OBC	SmartFusion2 (ARM Cortex-M3), PolarFire optional on AX-12
Payload power	48 W (all variants)

price on request



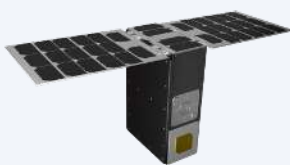
HEX20

AX-03

The AX-03 is a 3U CubeSat platform preconfigured for multiple applications, assimilating flight-proven subsystems.

Structural Dimensions	100 mm * 100 mm * 340.5 mm
Communication	UHF, S-BAND, CCSDS COMPLIANT
Interfaces	UART, RS232, RS422, SPI, CAN
Data Storage	16 GB
Available Payload Mass	2KG

price on request



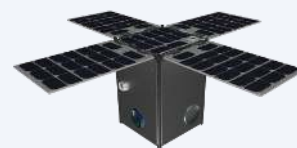
HEX20

AX-06

The AX-06 is a 6U satellite platform optimized for general-purpose missions with balanced power and payload capacity.

Structural Dimensions	100 mm * 226.3 mm * 366 mm
Communication	UHF, X-BAND, S-BAND (OPTIONAL), CCSDS COMPLIANT
Interfaces	UART, RS232, RS422, SPI, CAN
Data Storage	16 GB
OBC	SMARTFUSION2, ARM CORTEX M3

price on request



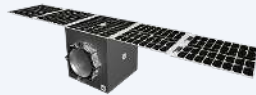
HEX20

AX-12

The AX-12 is a 12U satellite platform optimized for general-purpose missions with balanced power and payload capacity.

Structural Dimensions	226.3 mm * 226.3 mm * 226.3 mm
Communication	UHF, X-Band, K-Band
Interfaces	UART, RS232, RS422, SPI, CAN
Data Storage	64 GB
Available Payload Mass	12KG

price on request



HEX20

NX-50

The NX-50 is a 3U CubeSat platform preconfigured for multiple applications, assimilating flight-proven subsystems.

Size	3U CubeSat
Communication	UHF, X-BAND, S-BAND (OPTIONAL), K-BAND
Power Buses	3.3 V, 5 V, CUSTOMIZABLE 6- 28V
Payload Power	100 W

price on request

Hydra Space

SPAIN · 1 PRODUCT

Spanish NewSpace company delivering satellite IoT connectivity, in-orbit testing, and turn-key space missions from Madrid.



HYDRA SPACE

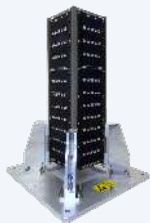
Hydra Space PocketQube IoT Satellite Platform

Turn-key 5x5x10 cm PocketQube (~400 g) IoT satellite platform and hosted payload service — in-house design, ground segment, and operations; SpaceX Transporter launch access; ESA-BI

Satellite format	PocketQube 2P
Dimensions	5 × 5 × 10 cm
Mass	~400 g
Communication protocols	LoRa, NB-IoT
Cloud apis	AWS and Azure compatible

price on request

IMT designs and develops Nano/Micro-satellites and on-board units for commercial, scientific, and defense applications, and provides EEE parts engineering.

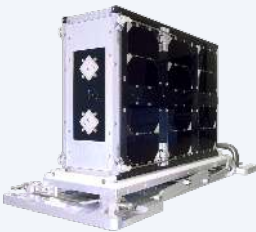


IMT (INGEGNERIA MARKETING TECHNOLOGIES)
CubeSat 3U Platform

IMT srl complete CubeSat 3U platform with 3-axis attitude control, VHF/UHF comms, 43 Wh Li-ion battery, AzurSpace GaAs solar panels, and FreeRTOS flight software for up to 5-year L

Standard	CubeSat 3U
Mass	<6 kg
Payload capacity	1.5U / 3 W
Battery	43 Wh Li-ion
Solar panels	AzurSpace 3J GaAs 30% eff., 4 W avg body-mounted

price on request



IMT (INGEGNERIA MARKETING TECHNOLOGIES)
CubeSat 6U Platform

IMT srl flexible 6U CubeSat platform with up to 115W solar power (with μSADA), <1deg pointing, X-band 50 Mbps downlink, 45-90 Wh battery, and 4U payload volume for 3-year LEO mi

Standard	CubeSat 6U
Solar power (body)	10 W peak
Solar power (deployable)	50 W peak
Solar power (with μSADA)	115 W peak
Battery capacity	45 Wh or 90 Wh

price on request

Infinity Space (OrbitalX)

Infinity Space (OrbitalX) designs and manufactures quantum satellite payloads, trusted-node communications systems, and modular CubeSat platforms for defence, intelligence, and secure communications.



INFINITY SPACE (ORBITALX)
Infinity Space Product Portfolio (DragonSat, SerenSat-AI, Phoenix QuantumSat, ATLAS, HALO)

Infinity Space offers a portfolio of modular CubeSat and Saucer-Class platforms designed for defence, intelligence, and secure communications from orbit, including quantum communic

Dragonsat platform type	PocketQube
Dragonsat payload	State-of-the-art quantum optics payload
SerenSat-AI platform type	2U CubeSat
SerenSat-AI imaging suite	Triple-camera
SerenSat-AI processor	AI edge processor

price on request

Instituto Superior Tecnico (IST) is the leading engineering school in Portugal, developer of ISTSat-1, Portugal first CubeSat launched in 2021 aboard Vega-C.



INSTITUTO SUPERIOR TECNICO

ISTSat-1

ISTSat-1 is Portugal first CubeSat, developed by students at Instituto Superior Tecnico and launched aboard the Vega-C rocket in 2021. The 1U satellite tested ADS-B aircraft tracki

Type	1U CubeSat
Launch date	2021-11-17
Launch vehicle	Vega-C
Payload	ADS-B receiver
Flight heritage	Portugal first CubeSat

price on request

Interorbital Systems

US private aerospace company developing the NEPTUNE and TRITON low-cost orbital launch vehicles, TubeSat and CubeSat personal satellite kits, a commercial LunarStation lander, and orbital tourism expeditions.



INTERORBITAL SYSTEMS

CubeSat 3.0 Personal Satellite Kit

Lowest-cost professional-quality CubeSat kit (1U-6U), PCB chassis, assembled in under 15 minutes, available with launch to 310-km polar orbit.

Standard	CubeSat (1U-6U)
Mass (1U)	1.33 kg
Available configurations	1U, 2U, 3U, up to 6U
Assembly time	Under 15 minutes
Chassis material	PCB (no aluminum frame)

price on request



INTERORBITAL SYSTEMS

IOS CubeSat 3.0 Kit

Lowest-cost professional-quality CubeSat kit available — 1U to 6U configurations, no drilling/tapping/soldering required, buildable in under 15 minutes.

Form factor	1U to 6U
Assembly time	Under 15 minutes, no drilling/tapping/soldering
Chassis (2.0 predecessor)	10x10x10 cm laser-cut aluminum bands and PCBs
Microcontroller	Atmega 2560
Memory	2x4 Mbits FRAM

price on request



INTERORBITAL SYSTEMS

TubeSat 3.0 Personal Satellite Kit

Most affordable professional-quality nanosatellite kit: 16-sided prism design, assembled in under 15 minutes, available with launch to 310-km polar orbit.

Form factor	Hexadecagonal (16-sided) prism
Outside diameter (1U)	8.94 cm (3.52 in)
Inside diameter (1U)	8.56 cm (3.37 in)
Length (1U)	12.7 cm (5.0 in)
Maximum mass (1U)	0.75 kg (1.65 lb)

price on request

IPN – Instituto Politécnico Nacional

MEXICO · 1 PRODUCT

The Instituto Politécnico Nacional (IPN) is Mexico's premier public polytechnic university, with active programs in satellite technology and space engineering. IPN researchers and students have developed CubeSat missions and satellite systems.

IPN – INSTITUTO POLITÉCNICO NACIONAL

IPN-CubeSat Satellite Systems

IPN's satellite systems research program develops CubeSat platforms and related technologies for scientific and communications applications. Students and researchers at IPN&#

Institution	Instituto Politécnico Nacional (IPN)
Country	Mexico
Program type	Academic research and student satellite development
Research areas	CubeSat design, satellite communications, space engineering

price on request

ISISPACE Group

NETHERLANDS · 2006 · 2 PRODUCTS

CubeSat deployers, antennas, EPS and small-satellite systems.



ISISPACE GROUP

CubeSat Platforms

Flight-proven CubeSat platforms in 3U–16U form factors for Earth Observation, IoT, In-Orbit Demonstration, and more. 73+ satellites launched.

Available form factors	3U, 3UXL, 6U, 6UXL, 8U, 12U, 12UXL, 16U
Payload volume — 3u (XL)	1.5 – 2U
Payload volume — 6u (XL)	2.5 – 3U
Payload volume — 8u	4U
Payload volume — 12u(xl)–16u	8 – 12U

price on request

ISISPACE GROUP

ISISPACE 12U/16U CubeSat Bus

The ISISPACE 12U/16U CubeSat Bus is a satellite platform equipped with advanced subsystems for demanding missions, offering significant payload space and power.

Manufacturer	ISISPACE
	price on request

ISpacel Satellite and Research

INDIA · 2022 · 1 PRODUCT

Bengaluru-based space startup offering end-to-end CubeSat design, manufacturing, subsystem development, and ground station services for nanosatellite missions.



ISPACEI SATELLITE AND RESEARCH

ISpacel CubeSat Complete System 1U–3U

End-to-end mission-ready CubeSat platform integrating all subsystems from 1U to 3U with ground segment.

Form factors	1U, 2U, 3U
Subsystems included	ADCS, EPS, OBC, solar panels, communications
Ground segment	Included – mission control and data downlink
Bus standard	CubeSat (PC/104 compatible)
Mission support	Design-to-deployment, end-to-end integration

price on request

South Korean nanosatellite manufacturer offering CubeSat platforms, optical imagers, star trackers, solar panels, EPS, structures, and deployers for the commercial small satellite market.



KAIRO SPACE
3U CubeSat Platform

Complete 3U CubeSat platform with integrated structure, power, ADCS, OBC, and communication subsystems.

Form factor **3U CubeSat**
Orbit **LEO**

price on request

Kitsat

FINLAND · 2 PRODUCTS

Kitsat offers fully functional satellites for educational use, with a more serious version, Kitsat+, that includes real space-worthy parts. They also provide an inexpensive and modifiable CubeSat bus named Otso for sending experiments to sp



KITSAT
Kitsat +

Kitsat+ is an upgraded version of Kitsat, featuring professional-grade components and a design that aligns with CubeSat standards.

price on request



KITSAT
Otso

Otso is a modern and versatile Cubesat bus, designed for small payloads that need to be launched into space without the hassle of building an entire satellite.

price on request

Japanese national university whose Laboratory of Spacecraft Environment Interaction Engineering (LaSEINE) leads the international BIRDS CubeSat constellation and HORYU high-voltage nanosatellite programs.



KYUSHU INSTITUTE OF TECHNOLOGY (KYUTECH)
HORYU-2

First spacecraft in the world to demonstrate 300V photovoltaic power generation in orbit.

Form factor	Nanosatellite, 350x310x315 mm
Mass	7.1 kg
Payload	300 V high-voltage deployable solar array; electrostatic discharge (ESD) experiment; onboa
Launch	H-IIA, 17 May 2012 (secondary payload with GCOM-W1/Shizuku)
Significance	World's first spacecraft to generate 300 V photovoltaic power in orbit

price on request

Launchbox Space

AUSTRALIA · 2014 · 1 PRODUCT

Australian space-education venture that put real CubeSat hardware in the hands of school students; program continues today via Fleet Space Technologies and Robinson Aerospace Systems.



LAUNCHBOX SPACE
RASCube LB

RASCube LB is a simplified, educational version of the RASCube V2 CubeSat used as the centrepiece kit of the LaunchBox program, teaching sensor data collection and satellite-style

Sensor data types	30+
Sample rate	5 samples/second
Data logging	onboard micro SD card
Telemetry	wireless to companion software

price on request

Mahina Aerospace

UNITED STATES · 2023 · 1 PRODUCT

Hawaii-based CubeSat company offering the HokuSat 1U CubeSat bus, a plug-and-play satellite platform for aerospace, research, and education missions.



MAHINA AEROSPACE

HokuSat 1U CubeSat Bus

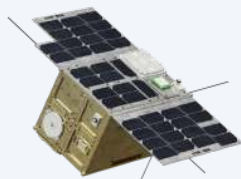
Plug-and-play 1U CubeSat bus platform providing power, structure, communications, and onboard computing.

price on request

MBRSC

2006 · 1 PRODUCT

The Mohammed Bin Rashid Space Centre designs, manufactures, and operates satellites, conducts space exploration missions, and facilitates human spaceflight for the UAE.



MBRSC

PHI-1 SAT

PHI-1 is a modular 12U CubeSat platform developed by MBRSC under the Payload Hosting Initiative (PHI) programme, in partnership with UNOOSA, to host innovative payloads and emergin

Launch date	11 November 2025
Launch time	10:18 PM (UAE Time)
Launch vehicle	SpaceX Falcon 9
Launch site	Vandenberg Space Force Base, California, USA
Orbit	Low Earth Orbit (~500 km altitude)

price on request

Micro Orbiter Inc. (株式会社マイクロオービター) is a Japanese New Space startup that develops mission-customized CubeSat platforms for IoT communication, Earth observation, science, and education. The company builds ultra-small satellite systems that re



MICR00RBITER
MicroOrbiter-1 (MO-1) CubeSat

MicroOrbiter-1 is a 1U (10 cm cube, ~1 kg) IoT nanosatellite developed jointly with Kyushu Institute of Technology, operating in a 400 km, 51.6° inclination orbit — the ISS orbital

Form factor	1U CubeSat (10 cm cube)
Mass	~1 kg
Orbit	~400 km, 51.6° inclination
Frequencies	920 MHz and 399.975 MHz (LoRa)
ADCS	Passive magnetic (hysteresis dampers)

price on request

Montana State University Space Science and Engineering Laboratory (SSEL), designer and builder of the FIREBIRD space-weather CubeSats.



MONTANA STATE UNIVERSITY
FIREBIRD-II CubeSat

1.5U space-weather CubeSat pair built by Montana State University and University of New Hampshire to study relativistic electron microbursts in the Van Allen belts.

Form factor	1.5U CubeSat (pair)
Dimensions	10 x 10 x 15 cm
Mass	Up to 2 kg per satellite
Orbit	Low Earth orbit, ~470-820 km, sun-synchronous
Launch date	2013 (FIREBIRD); 2015 (FIREBIRD-II)

price on request

Indian CubeSat and Earth observation startup building affordable satellite constellations for real-time Earth imagery.



NEBULA SPACE ORGANISATION
SABHASAT

SABHASAT is India's first Gamma-Ray Burst Observatory based on a CubeSat, designed to detect low and medium energy GRBs from the high-energy transient sky.

Volume	30 cm X 10 cm X 10 cm
Energy range	2 kev - 2 Mev
Mass	5 kg
Payload weight	1.5 kg
Timeline	5 YEARS

price on request

NPC Spacemind

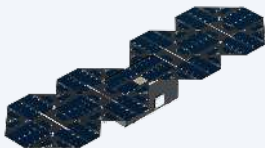
NPC Spacemind designs and manufactures CubeSat separation systems, deployers, and subsystems, including deorbiting systems, for nanosatellites and CubeSats.



NPC SPACEMIND
Cubesat Structures

SM CubeSat structure is a family of CubeSat structures (1U-2U-3U-6U-8U-12U-16U) designed by NPC SPACEMIND in order to provide a modular and flexible solution for nanosatellite appl

price on request [datasheet](#)



NPC SPACEMIND
TEPHRA-TESSSEL

TEPHRA-TESSSEL is a versatile CubeSat platform offering a 9.6U payload volume and robust power capabilities for various space missions.

Payload volume	9.6U
Payload mass	20 kg
Average Payload Power	135 W
Peak Power	170 W
Absolute Pointing Error	0.1° - 0.03°

price on request [datasheet](#)

Mongolian nanosatellite startup operating ONDOSAT-OWL CubeSats and offering IoT livestock tracking, ground station services, and rideshare launch coordination for LEO missions.

ONDO SPACE

ONDOSAT-OWL CubeSat

0.5U CubeSat for LEO earth observation and IoT connectivity, deployed from ISS Kibo module via J-SSOD.

Form factor	0.5U CubeSat
Mass	~0.9 kg
Altitude	~550 km LEO
Communication	VHF/UHF amateur band
Deployment	ISS Kibo module J-SSOD

price on request

OrbAstro

OrbAstro (Orbital Astronautics Ltd.) is a UK and New Zealand-based small satellite platform manufacturer founded in 2017 by Ash Dove-Jay and Vinoth Gurusamy, two of the founding employees of Oxford Space Systems. The company designs and bui



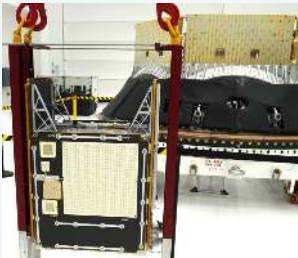
ORBASTRO

ORB-3 — 3U CubeSat Satellite Platform

OrbAstro's ORB-3 is a flight-ready 3U CubeSat bus: up to 5 kg total, 3 kg payload capacity, 36 Wh battery, 5.5 W orbital-average solar power, 0.1° pointing accuracy, electric propu

Form factor	3U CubeSat
Total spacecraft mass	Up to 5 kg
Payload mass	Up to 3 kg
Payload volume	~2U (196 × 95 × 95 mm)
Battery capacity	36 Wh (upgradeable to 72 Wh)

\$60 000



ORBASTRO

ORB-6 — 6U CubeSat Satellite Platform

OrbAstro's ORB-6 is a 6U CubeSat bus: up to 10 kg total, 6.5 kg payload, 72 Wh battery, 12.5 W orbital-average solar, 0.1° pointing, electric propulsion, priced at £85,000.

Form factor	6U CubeSat
Total spacecraft mass	Up to 10 kg
Payload mass	Up to 6.5 kg
Payload volume	~5U
Battery capacity	72 Wh (upgradeable to 144 Wh, +£5,000)

\$85 000

Russian NewSpace company providing full lifecycle development and production of CubeSat small satellites, deployment systems, and ground control stations.



ORBITAL SYSTEMS
12U Cubesat Platform

The largest platform in our 12U CubeSat format line, providing a maximum payload volume of up to 9U.

Payload Volume	9U
Peak Power Consumption	100 W
Maximum Mass	16 kg
Interfaces	I2C, UART, CAN, SPI, 100BASE-TX Ethernet port, RS422
Power Channels	3.3 V, 5 V, 3-18 D VBAT

price on request



ORBITAL SYSTEMS
12U/16U CubeSat Platform

Largest CubeSat platform with 9U payload volume, integrated propulsion, and up to 5-year service life.

Pu volume	9U
Peak consumption (PU)	100 W
Maximum mass (PU)	16 kg
Interfaces	I2C, UART, CAN, SPI, 100BASE-TX Ethernet, RS422
Power channels	3.3 V, 5 V, 3-18 V VBAT

price on request



ORBITAL SYSTEMS
3U Cubesat Platform

The 3U format platform offers an optimal combination of low platform mass and the necessary volume for accommodating the target payload.

Payload Volume	1.5U
Peak Power Consumption	50 W
Maximum Payload Mass	1 kg
Interfaces	I2C, UART, CAN, SPI
Power Channels	3.3 V, 5 V, VBAT

price on request



ORBITAL SYSTEMS
3U platform

The 3U platform is a CubeSat platform designed to offer a balance of low mass and sufficient volume for various mission payloads, featuring a precision attitude control system.

Pu volume	1.5U
Peak consumption (PU)	50 W
Maximum mass (PU)	1 kg
Interfaces	I2C, UART, CAN, SPI
Power channels	3.3 V, 5 V, VBAT

price on request



ORBITAL SYSTEMS

6U CubeSat Platform

6U CubeSat platform with 4U payload volume, Ethernet and RS422 interfaces, flight heritage since 2020.

Pu volume	4U
Peak consumption (PU)	75 W
Maximum mass (PU)	7.5 kg
Interfaces	I2C, UART, CAN, SPI, 100BASE-TX Ethernet, RS422
Power channels	3.3 V, 5 V, VBAT

price on request



ORBITAL SYSTEMS

6U Cubesat Platform

The 6U platform is becoming a universal format for CubeSat class satellites, capable of meeting the requirements of several payloads at once.

Payload Volume	4U
Peak Power Consumption	75 W
Maximum Mass	7.5 kg
Interfaces	I2C, UART, CAN, SPI, 100BASE-TX Ethernet port, RS422
Power Channels	3.3 V, 5 V, VBAT

price on request

OTS Joint CubeSat Project

1 PRODUCT

The OTS CubeSat Project is a collaborative space initiative by the Organization of Turkic States (OTS), bringing together member states including Turkey, Kazakhstan, Kyrgyzstan, Uzbekistan, and Azerbaijan to develop and launch joint CubeSat

OTS JOINT CUBESAT PROJECT

OTS Joint CubeSat Program

Organization of Turkic States joint CubeSat program supporting collaborative satellite development among member nations for space education and technology capacity building.

Type	Multinational collaborative CubeSat program
Members	Organization of Turkic States nations

price on request

Picosat Systems

AUSTRALIA · 2017 · 1 PRODUCT

Australian small satellite company that designed and built the OzQube-1 PocketQube technology demonstrator.



PICOSAT SYSTEMS

OzQube-1

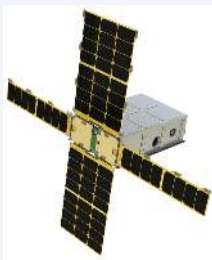
OzQube-1 is a tiny 5x5x5cm PocketQube picosatellite designed for technology demonstration.

Dimensions	5x5x5 cm
Class	Picosatellite
Mass range	0.1 and 1 kg
price on request	

Pumpkin, Inc.

UNITED STATES · 1995 · 2 PRODUCTS

San Francisco-based manufacturer of flight-proven CubeSat kits, SUPERNOVA nanosatellite buses, and spacecraft power/electronics components, with over 150 kits delivered and dozens of successful space missions since 2003.



PUMPKIN, INC.

6U SUPERNOVA CubeSat Bus

Flight-proven 6U CubeSat bus with 4U payload volume, 68W peak solar power, Linux-based computing, and multi-band RF — 6-month lead time.	
Form factor	6U CubeSat
Payload volume	4U
Peak solar power (BoL)	68 W
Peak payload power	160 W
Peak regulated power	500 W
price on request	



PUMPKIN, INC.

The CubeSat Kit™

The CubeSat Kit™ is available for Microchip PIC24 MCUs with USB OTG, Microchip PIC24 MCUs, and Microchip dsPIC33 DSCs, offering a versatile platform for CubeSat development.	
price on request	

Purdue University

UNITED STATES · 1 PRODUCT

Purdue's CubeSat Lab, part of the School of Aeronautics and Astronautics, is a design-build-test program that has flown missions including APEx, SASSI2, ADE, and FEMTA under NASA and Air Force Research Laboratory sponsorship.



PURDUE UNIVERSITY

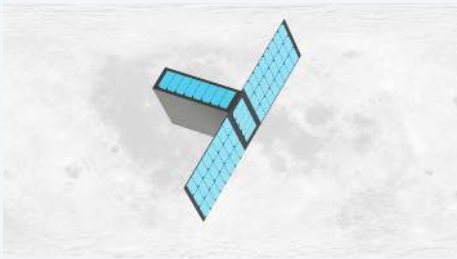
SASSI2 (Student Aerothermal Spectrometer Satellite of Illinois and Indiana)	
CubeSat developed by Purdue's CubeSat Lab to characterize bow-shock flow and radiation during high-speed atmospheric flight.	
Form factor	CubeSat (Purdue CubeSat Lab standard bus)
Mission focus	Bow-shock flow and radiation characterization during high-speed atmospheric flight

Program	Purdue CubeSat Lab, School of Aeronautics and Astronautics
Sponsor	NASA / Air Force Research Laboratory University Nanosat Program
price on request	

Ragnarok Industries

UNITED STATES · 2014 · 1 PRODUCT

US nano-satellite startup developing electric-propulsion 6U CubeSats and mini high-throughput satellite constellations in high Earth orbit for polar broadband communications.



RAGNAROK INDUSTRIES

Heimdallr 6U CubeSat

6U CubeSat with electric ion propulsion for deep space missions including lunar orbit and Earth-Moon L1 Lagrange point operations.

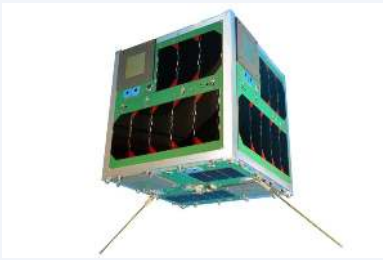
Form factor	6U CubeSat
Propulsion type	Electric ion propulsion (non-volatile, non-energetic)
Attitude control	Three-axis stabilization with cold gas propulsion
Power	Gimbaled deployable solar panels
Trajectory	Low-energy transfer trajectory to lunar orbit

price on request

Rapid Cubes GmbH

GERMANY · 2021 · 7 PRODUCTS

Berlin-based nanosatellite manufacturer and TU Berlin spin-off providing fast, reliable CubeSat platforms (6–100 kg) and full mission services for commercial and scientific NewSpace applications.



RAPID CUBES GMBH

RapidCube-10

A 10 kg class CubeSat platform combining high-performance capabilities, flexibility, and robust features for modern NewSpace missions.

Mass class	10 kg class
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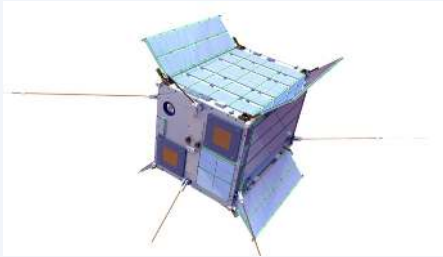
RAPID CUBES GMBH

RapidCube-100

RapidCube-100 is a cutting-edge 100 kg class CubeSat platform designed for high-performance NewSpace missions and services.

Mass class	100 kg
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Flight heritage	Flight proven in multiple projects since 2018
Upcoming mission	00V CUBE, planned launch Q2 2024
price on request	



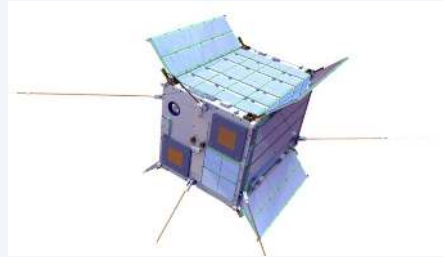
RAPID CUBES GMBH RapidCube-20

12U/16U CubeSat platform (15–25 kg) with Triple Modular Redundancy, multi-band communications, and high payload flexibility for scientific and commercial missions.

Mass class	15–25 kg
Form factor	12U/16U CubeSat
Dimensions	22 × 22 × 36–44 cm
Payload mass	5–10 kg
Payload power (Average)	17–32 W

price on request

Dimensions (stowed)	~86 × 86 × 18 cm
Payload mass	up to 30 kg
Payload power (per channel)	100 W avg
Payload power channels	8
price on request	



RAPID CUBES GMBH RapidCube-20 CubeSat Bus

16U, 20 kg CubeSat bus with failure-tolerant architecture supporting 5–10 kg payloads, S/X-band links, and SSO IOD/IOV missions.

CUBESAT class	20 kg
Dimensions (stowed)	22 × 22 × 44 cm (16U)
Bus architecture	Failure-tolerant
Payload mass	5–10 kg
Payload volume	5U – 11U

price on request



RAPID CUBES GMBH RapidCube-50

RapidCube-50 is a 50 kg class CubeSat platform offering high payload capacity, triple modular redundancy, and precision attitude control for scientific, commercial, and NewSpace missions.

Failure tolerance	Triple Modular Redundancy (TMR) achieved with 3 processor cores
Available payload mass	Up to 20 kg
Available payload volume	Up to 36 × 18.5 × 44 cm ³
Average payload power available	Average (polar orbit, LTAN 12 am): 30 W (Si cells), 50 W (GaAs cells); peak per channel: 6
Attitude determination	< ± 0.1° (MEMS sun sensor, magnetometer, gyro, star tracker)

price on request

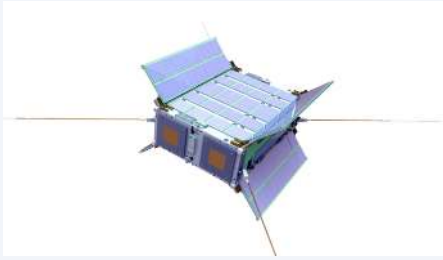


RAPID CUBES GMBH RapidCube-6

Compact 6U CubeSat bus (8 kg class) for IoT, in-orbit demonstration, Earth observation, and inter-satellite communication missions.

Mass class	8 kg
Dimensions	22 × 10 × 36 cm
Payload mass	~4 kg
Payload power	10–20 W
Tm/tc band	S-band

price on request



RAPID CUBES GMBH

RapidCube-6 CubeSat Bus

6U CubeSat bus platform with failure-tolerant architecture, S/X-band links, and configurable attitude control for LEO missions up to 650 km.

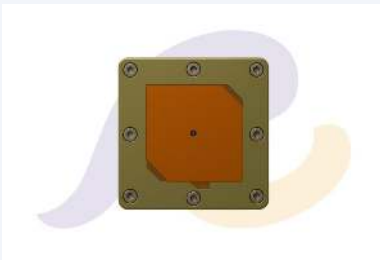
CUBESAT class	8 kg
Dimensions (stowed)	22 x 10 x 36 cm (6U) / 22 x 10 x 45 cm (6U XL)
Bus architecture	Failure-tolerant
Payload mass	~4 kg
Payload volume	2U – 5U

price on request

Rapidtek Technologies

TAIWAN · 2015 · 3 PRODUCTS

Taiwan-based RF and satellite communications company designing and manufacturing antennas, phased-array systems, and CubeSat payloads for LEO satellite missions.



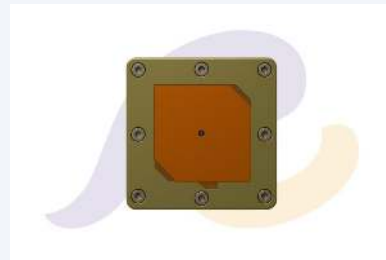
RAPIDTEK TECHNOLOGIES

Black Kite-1

8U CubeSat platform developed with the Taiwan Space Agency (TASA), built for high-performance, high-data-throughput communications including Ku-band links, Ka-band inter-satellite

Date	Nov. 2025
Dimensions	8U
Orbit	SSO
Purpose	Bi-direction Ku band communication
Purpose (2)	Ka band inter-satellite link

price on request



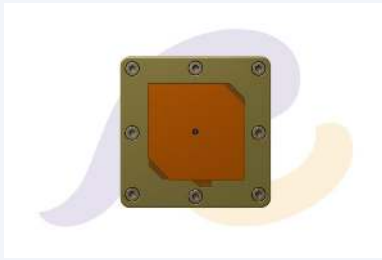
RAPIDTEK TECHNOLOGIES

Nightjar

Nightjar is a 3U CubeSat platform developed in collaboration with TASA, designed for cost-effective technology validation and bi-directional Ku-band communication.

Date	Aug. 2024
Dimensions	3U
Orbit	SSO
Purpose	Bi-direction Ku band communication
Tech	Data Rate: 32 Mbps

price on request



RAPIDTEK TECHNOLOGIES
Nightjar / Black Kite-1 CubeSat Platforms

Rapidtek offers two CubeSat platforms, Nightjar (3U) and Black Kite-1 (8U), designed for various communication and technology validation missions in Low Earth Orbit.

Date (Nightjar)	Aug. 2024
Dimensions (Nightjar)	3U
Orbit (Nightjar)	SSO
Purpose (Nightjar)	Bi-direction Ku band communication
Tech (nightjar) data rate	32 Mbps

price on request

RoInSpace (RISE, Romanian InSpace Engineering)

ROMANIA · 2015 · 2 PRODUCTS

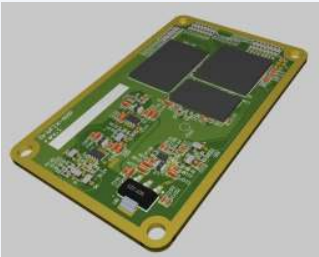
Romanian space engineering company developing CubeSat components, satellite subsystems, and space engineering services for European commercial and institutional space missions.

ROINSPACE (RISE, ROMANIAN INSPACE ENGINEERING)
CORVUS — 6U CubeSat Platform with Synthetic Aperture Radar

CORVUS is RoInSpace's 6U CubeSat platform that serves as both an in-orbit technology demonstrator and a commercial Earth observation asset. The spacecraft hosts a miniaturised

Form factor	6U CubeSat (30 × 20 × 10 cm)
Mass	~8 kg
Payload	Miniaturised Synthetic Aperture Radar (SAR)
Navigation	OrbFIX GNSS receiver (TRL 9, flight demonstrated)
ADCS	3-axis (reaction wheels + magnetorquers)

price on request



ROINSPACE (RISE, ROMANIAN INSPACE ENGINEERING)
RoInSpace CubeSat Development Services

Romanian InSpace Engineering (RISE) provides CubeSat development and engineering services supporting Romanian and European small satellite missions.

Services	CubeSat development and engineering
Country	Romania

price on request

Independent space firm building full-stack sovereign space programs -- satellites, ground stations, comms, analytics, and mission control -- for allied nations.



SATELLIZE

ExseedSat-1 Amateur Radio CubeSat (VO-96)

ExseedSat-1 (OSCAR designation VO-96 / VUosat-OSCAR 96) is India's first privately built and operated satellite, launched December 3, 2018 aboard a SpaceX Falcon 9 (SSO-A ride

Form factor	1U CubeSat (10 × 10 × 10 cm)
Mass	~1 kg
Material	Aluminium alloy
Orbit	Polar SS0, ~600 km altitude
Launch date	December 3, 2018

price on request

Satoro

Satoro designs and manufactures small satellite modules and subsystems, providing integration, testing, launch, and ground support services for academic and other missions.

SATORO

Taurus 3U — CubeSat Satellite Platform

Satoro's Taurus 3U is a standardized 3U CubeSat bus: 2 kg / 2U payload capacity, 40 W peak / 18 W average payload power, 35 Wh battery, S-Band 4.3 Mbps downlink, <1° pointing ac

Form factor	3U CubeSat
Payload mass	Up to 2,000 g
Payload volume	2U
Payload peak power	40 W
Payload average power	18 W

price on request

Semiconductor and cybersecurity company (NASDAQ: LAES) providing secure chips and its WISeSat satellite IoT constellation for authenticated, encrypted device-to-satellite connectivity.



SEALSQ / WISESAT
WISeSat — Post-Quantum Secure LEO IoT Satellite Constellation

WISeSat (WISeKey/SEALSQ) is a 21-satellite (growing to 100) LEO LoRa IoT constellation at 450–600 km SSO: store-and-forward LoRa at 300 bps/80 B, post-quantum cryptography (ML-KEM/

Satellites deployed	21 (as of mid-2026); target 100-satellite constellation
Orbit	LEO, 450–600 km, near-polar SSO (~97.4° inclination)
Protocol	LoRa (LPWAN) — store-and-forward
Frequencies	915 MHz / 868 MHz (UHF ISM); ~435–438 MHz (licensed UHF)
Data rate per packet	~300 bps

price on request

SEIREN Co., Ltd. (Space Division)

SEIREN Co., Ltd. is a Japanese advanced materials manufacturer that leverages over 130 years of precision manufacturing expertise to develop and mass-produce ultra-small artificial satellites, SAR antenna arrays, and rocket acoustic blanket



SEIREN CO., LTD. (SPACE DIVISION)
Seiren CubeSat Bus Systems

Seiren develops and manufactures bus systems for ultrasmall artificial satellites (CubeSats) and is involved in the mass production process for SAR satellite antennas.

Type	Ultra-small CubeSat
Launch date	March 22, 2021
Launch vehicle	Soyuz-2 from Baikonur Cosmodrome
Mission	Earth observation – Fukui Prefecture imaging



SEIREN CO., LTD. (SPACE DIVISION)
Seiren CubeSat Bus Systems and SAR Satellite Antennas

Seiren develops and manufactures bus systems for ultrasmall artificial satellites (CubeSats) and is collaborating on the mass production process for SAR satellite antennas.

Satellite type	Ultrasmall artificial satellites (CubeSAT)
CUBESAT weight range	1 kg to 10 kg
SAR satellite antenna development	Mass production process collaboration with Synspecive Inc.

Revisit rate ~2 weeks

price on request

Fukui prefectural citizens' satellite March 22, 2021 (Japan Time)
launch date

Fukui prefectural citizens' satellite Baikonur Cosmodrome, Republic
launch site of Kazakhstan

price on request

Sequoia Space

COLOMBIA · 2007 · 1 PRODUCT

Sequoia Space is a Colombian aerospace company and Latin America pioneer in pico and nanosatellite development, tracing roots to the Libertad-1 mission of Sergio Arboleda University, offering complete small satellite solutions including pla

SEQUOIA SPACE

NUKAK-1 CubeSat Bus

1U-3U CubeSat bus platform developed by Sequoia Space (Colombia) for Earth observation and remote sensing missions, serving governmental and educational institutions in Latin Ameri

Form factors 1U, 2U, 3U CubeSat

Part number 347010-N1-3U

Applications Earth observation, remote
sensing

Market Government, academic,
commercial

price on request

Serenum Space

CZECH REPUBLIC · 2020 · 1 PRODUCT

SERENUM Space is a CubeSat component and BUS manufacturer, integrator, and service provider based in Brno, Czech Republic, and a commercially oriented subsidiary of VZLU AEROSPACE.



SERENUM SPACE

V-BUS Modular CubeSat Platform

Highly modular, multi-purpose flight-proven CubeSat platform compatible with CubeSat standards, optimized for pointing precision and payload volume.

Standard CubeSat standard compatible

Availability 6 months

Design focus Precise pointing, energy
efficiency, high payload
volume, maximized lifetime

Target missions Earth observation,
IoT/communications,
educational and science
experiments

price on request

Italian SSTO launch startup developing EOS, a containerized orbital launch system deployable from shipping containers without a dedicated launch pad.



SIDEREUS SPACE DYNAMICS

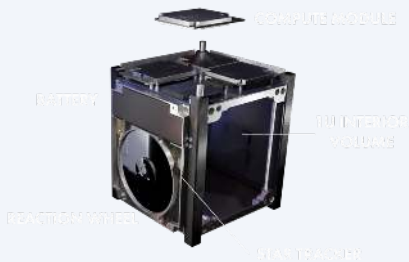
LUMIO CubeSat Bus

Sidereus Space Dynamics (SSD) is an Italian space startup developing satellite platforms derived from the LUMIO (Lunar Meteoroid Impacts Observer) mission concept originally develo

price on request

Skyline Celestial

San Francisco-based nanosatellite manufacturer offering powerful and affordable 1U CubeSat platforms — Odyssey from \$3,600 and Aquarius from \$8,500 — democratising satellite access.



SKYLINE CELESTIAL

Aquarius 1U CubeSat

High-performance 1U CubeSat with quad-core ARM Cortex-A53, reaction wheels, 50 Mb/s X-Band downlink, 68 Wh power — from \$8,500.

Form factor	1U CubeSat
Main processor	1.1 GHz Quad-Core ARM Cortex-A53
Safety processor	400 MHz Dual-Core Lockstep Cortex-R5F
Communications	48 Kb/s UHF + 50 Mb/s X-Band
Power storage	Up to 68 Wh

from \$8 500



SKYLINE CELESTIAL

Odyssey 1U CubeSat

Entry-level 1U CubeSat with dual-core ARM Cortex-A7, embedded magnetorquers, UHF comms — from \$3,600. Designed for first-time operators and STEM programmes.

Form factor	1U CubeSat
Main processor	800 MHz Dual-Core ARM Cortex-A7
Co-processor	209 MHz Cortex-M4
Communications	48 Kb/s UHF
Power storage	20 Wh

from \$3 600

Space Inventor ApS is a Danish second-generation NewSpace company providing non-ITAR CubeSat, nanosat, and microsat components, platforms, and turnkey satellite missions with full vertical integration, headquartered in Aalborg with offices



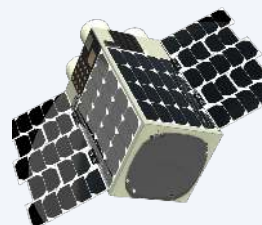
SPACE INVENTOR APS

12U Satellite

Modular 12U CubeSat with electric propulsion and reaction wheels for high manoeuvrability and precise attitude control.

Reaction wheels	Four 100 mNms reaction wheels
Star trackers (optional)	Dual star trackers, 10-20 arcsec pointing accuracy
Sun sensors	Six fine sun sensors
Payload volume	6-8 U
Payload mass capacity	6-9 kg

\$750 000



SPACE INVENTOR APS

16U Hyperspectral 200mm

A 16U CubeSat satellite from Space Inventor fitted with a hyperspectral 200mm telescope for advanced Earth observation and astronomical imaging missions.

Msrp	From €1.100.000
Configuration	16U CubeSat
Telescope	Hyperspectral 200 mm

price on request



SPACE INVENTOR APS

16U Satellite

High-performing 16U CubeSat platform with GEO options and flight heritage in both GEO and LEO.

Momentum capacity	100 mNms
Torque capability	20 mNm
Payload accommodation	Up to 12U depending on orbit requirements
Msrp (platform only)	From €800,000 (excl. NRE, propulsion and payload)

\$800 000



SPACE INVENTOR APS

6U Satellite

Dependable 6U CubeSat platform for secure and tactical communication with a 10-year mission life.

Mission life	10 years
Security	AES-256 encryption, multiple access protections
Payload volume	Up to 4U
Power	Deployable solar panels
Msrp (platform only)	From €650,000 (excl. NRE, propulsion and payload)

\$650 000



SPACE INVENTOR APS

8U Satellite

High-performance 8U CubeSat with reaction wheels, star tracker and dual redundant buses for demanding missions.

Reaction wheels	100 mNms
Star tracker	Standard, dual optional for enhanced pointing accuracy
Redundancy	Dual communication and battery buses
Communications	High-speed X-band
Msrp (platform only)	From €650,000 (excl. NRE, propulsion and payload)

\$650 000

SpaceAble

FRANCE · 2018 · 1 PRODUCT

French New Space startup developing Space Situational Awareness software (ISSAN) and a planned in-orbit inspection satellite (Orbiter) to track debris and protect satellites in LEO.



SPACEABLE

TheOrbiter — LEO Inspection Nanosatellite

SpaceAble's TheOrbiter is an autonomous GomSpace-built CubeSat inspector designed for on-demand LEO asset inspection: collects and certifies space environment and object data in-situ

Satellite type	CubeSat nanosatellite (manufactured by GomSpace)
Orbit	Low Earth Orbit (LEO)
Mission	Autonomous in-situ inspection of LEO assets and space environment
Data certification	AI + blockchain cryptographic certification in orbit
Status	Prototype development; planned launch ~2026

price on request

Slovak-Czech full-service nanosatellite mission provider offering CubeSat platforms (1U-16U), onboard subsystems, rideshare launch integration, and ground segment services.



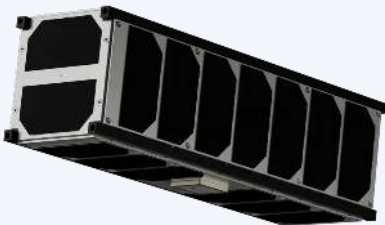
SPACEMANIC S.R.O.

12U – 16U Platform

The 12U–16U Platform is a versatile satellite bus designed for demanding space applications, offering significant power, volume, and flexibility for missions like high-resolution i

Payload volume (max) 12u	8.5U
Payload mass (max) 12u	16 kg
Available power per psu channel 12u	> 48 Wh
Power output 12u	3.3 V, 5 V, 12 V
Power output (additional) 12u	5 V, 12 V

price on request [datasheet](#)



SPACEMANIC S.R.O.

1U – 3U Platform

Modular CubeSat platform available in 1U, 2U and 3U configurations, offering payload volume up to 2U, payload mass up to 4 kg, and multiple RF and data interface options for missio

Payload volume (max) — 1u	0.5U
Payload mass (max) — 1u	1 kg
Available power per psu channel (max) — 1u	23 Wh
Power output — 1u	3.3 V, 5 V
Communication (options) — 1u	5 V, UHF, VHF

price on request [datasheet](#)



SPACEMANIC S.R.O.

6U-8U CubeSat Platform

Modular 6U and 8U CubeSat bus with flight heritage, supporting payloads up to 7.5 kg (6U) or 10 kg (8U) and X-Band, S-Band, UHF/VHF communication options.

Form factor	6U or 8U CubeSat
Payload volume (6U)	4U
Payload volume (8U)	6U
Payload mass (6U)	up to 7.5 kg
Payload mass (8U)	up to 10 kg

price on request



SPACEMANIC S.R.O.

Spacemanic CubeSat Platforms

Modular CubeSat satellite platforms offered in 1U–3U, 6U–8U, and 12U–16U configurations, available for dedicated or rideshare launch.

Configuration options	1U – 3U
Configuration options (2)	6U – 8U
Configuration options (3)	12U – 16U
Launch options	Dedicated or rideshare

price on request

Chinese commercial smallsat manufacturer building low-cost cubesats and smallsats, SAR and optical Earth-observation satellites, and shared satellite platforms for hosted payloads.



SPACETY
Satellite-as-a-Service (SataaS)

Shared 6U and 12U smallsat platforms with end-to-end launch, hosting, and data-delivery services for in-orbit demonstration and verification (IOD/IOV).

Platform sizes offered	6U, 12U
Missions completed	20 satellite missions in less than 5 years
Flight cadence	~4 flights per year
Minimum schedule (contract to launch)	as short as 6 months
Payload accommodation lead time	less than 3 months before launch

price on request

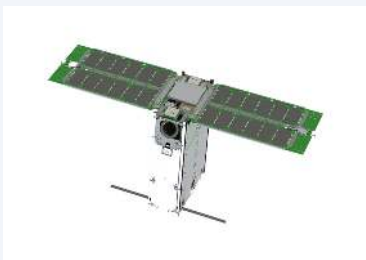
SPACETY
Spacety Cubesat / Smallsat Platforms

Low-cost, high-performance cubesat and smallsat bus product line, flight-proven over 20+ missions.

Platform sizes offered	6U, 12U cubesat/smallsat buses
Flight heritage	20+ satellite missions flown
Typical mission types	Earth observation, satellite communication, navigation, science, technology demonstration

price on request

SPUTNIX is a Russian manufacturer of nanosatellite and microsatellite platforms, onboard subsystems and ground infrastructure, operating as a subsidiary brand of Sitronics Group.



SPUTNIX
6U CubeSat Platform SXC6 ADC AS TFF

6U CubeSat platform with 3-axis ADCS. Up to 12 kg S/C mass, 78 Wh battery, 35 W solar panels, UHF transceiver with deployable antennas. Reaction wheels and sun orientation included

Form factor	6U CubeSat
Dimensions (stowed)	118.6 × 228.6 × 366 mm
Max s/c mass	12 kg
Battery capacity	78 Wh
Peak solar power	35 W

price on request



SPUTNIX
6U CubeSat Platform SXC6 VOL AS TF

Minimal 6U CubeSat platform with maximum payload volume. PSS with battery, UHF transceiver, electromagnetic detumbling only — no ADCS or reaction wheels. For simple payload mission

Form factor	6U CubeSat
Dimensions (stowed)	118.6 × 228.6 × 366 mm
Max s/c mass	12 kg
Battery capacity	78 Wh
Peak solar power	35 W

price on request



SPUTNIX

OrbiCraft-Pro 1U CubeSat Platform

1U CubeSat satellite platform / assembly kit. The "Flight" (SXC1-GA) version is factory-assembled and tested with GaAs solar panels, ready for payload integration; an "Experimental

Form factor	1U CubeSat
Dimensions	108 × 108 × 113.5
Mass (without payload)	≤ 0.95
Max mass (with payload)	≤ 1.33
Payload volume	80 × 70 × 20

price on request

SPUTNIX

OrbiCraft-Pro 1U Experimental (SXC1)

1U CubeSat platform kit with silicon solar panels for educational and laboratory use.

Mass	0.9-0.95 kg
Dimensions	108 × 108 × 113.5 mm
Battery capacity	39 Wh
Data bus	CAN2.0B
Solar panels	6, silicon

price on request

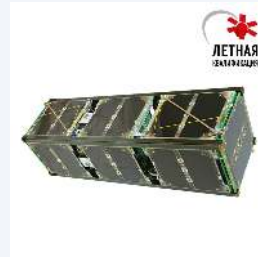
SPUTNIX

OrbiCraft-Pro 1U Flight (SXC1-GA)

Flight-ready 1U CubeSat platform with GaAs solar panels and electromagnetic ADCS.

Mass (with payload)	1.33 kg
Solar panels	GaAs
ADCS	Electromagnetic, B-dot detumbling control

price on request



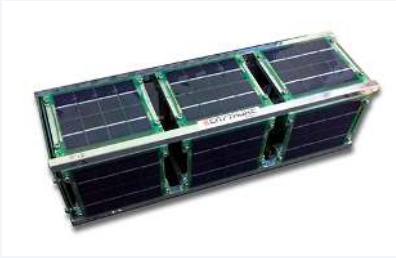
SPUTNIX

OrbiCraft-Pro 3U CubeSat Platform

3U CubeSat satellite platform / assembly kit. The "Flight" (SXC3-GA) version is factory-assembled and tested with GaAs solar panels. Variants: Experimental (SXC3), Flight (SXC3-GA)

Form factor	3U CubeSat
Mass (without payload)	1.4
Max mass (with payload)	4
Dimensions	108 × 108 × 340.5
Payload volume	80 × 70 × 20

price on request



SPUTNIX
OrbiCraft-Pro 3U Experimental (SXC3)

SPUTNIX OrbiCraft-Pro 3U assembled and factory-verified CubeSat platform with silicon solar panels, ready for payload integration and educational or experimental use.

Form factor	3U CubeSat
On-board computer	with Raspberry Pi – 1 pc.
Power supply system	with battery unit – 1 pc.
Solar panels (side)	12 × Si solar side panels with coils
Solar panels (end edge)	2 × Si end edge solar panels with coils

price on request

SPUTNIX
OrbiCraft-Pro 3U Flight (SXC3-GA)

Flight-ready 3U CubeSat platform with GaAs solar panels across 14 panel faces.

Mass	1.45 kg (4 kg max with payload)
Solar panels	14, GaAs

price on request



SPUTNIX
OrbiCraft-Pro Educational CubeSat Kit

Functional 1U/3U CubeSat training kit with full set of subsystems (OBC, EPS, ADCS, comms) for universities.

Kit type	Functional CubeSat training kit
Form factor	1U / 3U
Mass (1U)	~1.0
Subsystems	OBC, EPS, ADCS, UHF transceiver, structure
Ground sdr	included

price on request

SPUTNIX
Satellite Platform SXC6 ADC (SXC6-ADC)

6U CubeSat bus with 3-axis ADCS configuration and 4U payload volume.

Form factor	6U
ADCS	3-axis
Payload volume	4U

price on request



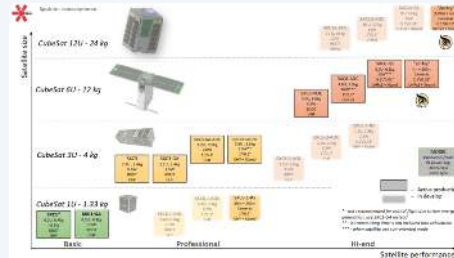
SPUTNIX

Satellite Platform SXC6 Basic (SXC6-VOL)

Minimal-configuration 6U CubeSat bus maximizing payload volume up to 5U.

Form factor	6U
Max payload volume	5U
Mass	6 kg
Dimensions	100x226,3x366 mm
Available volume for payload	3U+

[price on request](#) [datasheet](#)



SPUTNIX

Satellite Platform SXC6 RS (OrbiCraft-Pro 6U)

Full 6U CubeSat bus with star tracker, redundant systems, and X-band downlink, flight-proven on the OrbiCraft-Zorkiy Earth-observation mission.

Form factor	6U
ADCS pointing accuracy	0.1 degree
X-band downlink	DVB-S2, 10 Mbit/s
Attitude sensor	Star tracker
Redundancy	Redundant onboard systems

[price on request](#)



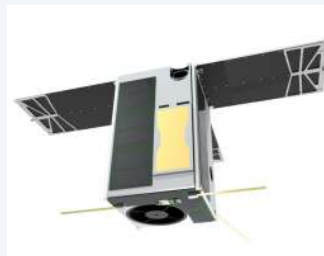
SPUTNIX

SG3 CubeSat Platform (4U / 16U)

New-generation CubeSat platform built on SPUTNIX's extensive design, serial-production and operations heritage. Optimized structure offers maximum free payload volume and power, wi

Form factor	CubeSat 4U / 16U
Dimensions (16U)	226 × 226 × 454
Bus interface	CAN 2.0B (up to 1 Mbit/s) + CAN-FD (up to 5 Mbit/s)
Tm/tc radio	Redundant, 2400–115200 bit/s, dipole + patch, 401 / 435 MHz
Variants	SG3 4U, SG3 16U

[price on request](#)



SPUTNIX

SXC12 12U CubeSat Platform

Versatile, configurable 12U CubeSat nanosatellite platform of onboard service systems and structural elements, compatible with standard serial 12U deployers. Supports redundant onb

Form factor	12U CubeSat
Dimensions	226.3 × 226.3 × 366
Max mass (with payload)	≤ 24
Battery	Li-Ion, ≥ 120 Wh
Supply voltage	6.0–8.4

[price on request](#)



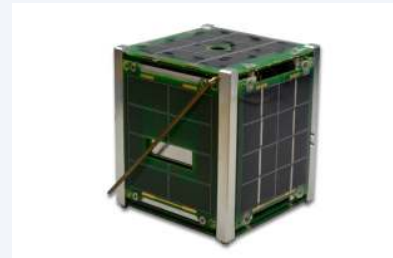
SPUTNIX

SXC6 6U CubeSat Platform

Versatile, configurable 6U CubeSat nanosatellite platform of onboard service systems and structural elements. Accepts third-party payloads compliant with the SXC6 ICD. Modification

Form factor	6U CubeSat
Dimensions	118.6 × 228.6 × 366
Mass (without payload)	≤ 3.4
Max mass (with payload)	≤ 12
Battery	Li-Ion 2S, ≥ 78 Wh

price on request



SPUTNIX

TabletSat Platform

SPUTNIX OrbiCraft-Pro 1U CubeSat platform — assembled and factory-verified 1U nanosatellite kit with on-board computer, power system, solar panels, UHF transceiver and antenna.

Form factor	1U CubeSat
On-board computer	with Raspberry Pi – 1 pc.
Power supply system	with battery unit – 1 pc.
Solar panels (side)	4 × Si solar side panels with coils
Solar panels (end edge)	2 × Si end edge solar panels with coils

price on request

Telnet Holding (Challenge One)

TUNISIA · 1994 · 1 PRODUCT

TELNET Holding is an engineering product company specializing in embedded software, electronics, mechanics, hardware design, network solutions, and PLM, serving clients globally.



TELNET HOLDING (CHALLENGE ONE)

ChallengeOne CubeSat Platform

Configurable nanosatellite/kit-satellite platform developed by Telnet for LEO IoT-gateway missions; flight-proven on the ChallengeOne mission (Tunisia's first satellite).

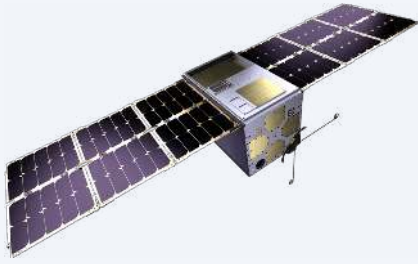
Orbit altitude	550 km (LEO)
Orbital velocity	7.5 km/s
Orbital period	90 minutes
Mission life (design)	5 years
Launch vehicle	Soyuz-2, from Baikonur Cosmodrome

price on request

Terran Orbital

UNITED STATES · 2013 · 1 PRODUCT

Terran Orbital manufactures satellite solutions, including flight-proven spacecraft and customizable platforms, for government and commercial partners in defense, Earth observation, and deep space exp



TERRAN ORBITAL

Renegade

12U-class nanosatellite bus with the best bus-to-payload mass ratio in the Terran Orbital line, extendable to 16U.

Configuration	12U (16U option)
Applications	LEO
Native orbits	400 km - 1200 km
Launch mass (Wet, max)	Up to 25 kg
Available payload mass	10 kg

[price on request](#) [datasheet](#)

Tiger Innovations, Inc.

UNITED STATES · 1997 · 1 PRODUCT

US aerospace electronics firm (General Atomics subsidiary); solar array simulators, RF devices, EGSE, and payload testing for space programs.



TIGER INNOVATIONS, INC.

CubeSat 0.5U Electronics Package

Compact, P-POD-compatible CubeSat avionics and power package combining C&DH, EPS, RF communications, and I/O boards in only 5 cm of height.

Electronics package height	5 cm (0.5U)
Board set	C&DH, EPS, RF Communications, Interface I/O
Form factor compatibility	P-POD compatible
Environmental qualification standard (planned)	GSFC-STD-7000
Regulated voltage	5 V @ 2 A; 3.3 V @ 2 A

[price on request](#) [datasheet](#)

ToSpace

INDIA · 2021 · 1 PRODUCT

Indian aerospace R&D startup developing PocketQube/nanosatellites and space-tourism concepts.

TOSPACE

ToSpace CubeSat Services

Indian CubeSat development and educational satellite services company, supporting student satellite projects and commercial small satellite missions.

Services	CubeSat development, educational satellite programs
Market	Indian universities and commercial operators

price on request

Tyvak International S.r.l.

ITALY · 2013 · 1 PRODUCT

Italian manufacturer of CubeSat and small satellite platforms and subsystems, a Terran Orbital company with deep flight heritage across scientific and commercial missions.



TYVAK INTERNATIONAL S.R.L.
Intrepid Platform

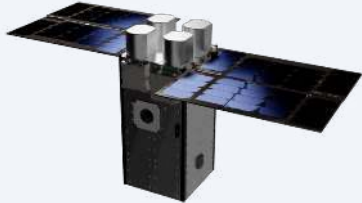
Tyvak's current-generation nanosatellite bus, using exterior structural panels to maximize interior payload volume.

price on request

U-Space

FRANCE · 2018 · 1 PRODUCT

French ISO-9100-certified small satellite manufacturer; FreeForm microsatellite and 16U CubeSat platforms with full mission integration and ground-segment services from Toulouse.



U-SPACE
16U CubeSat Platform

Modular 16U CubeSat bus with an 8U primary payload bay plus a dedicated 2U volume for long instruments, built for standardized, fast-turnaround constellation deployment.

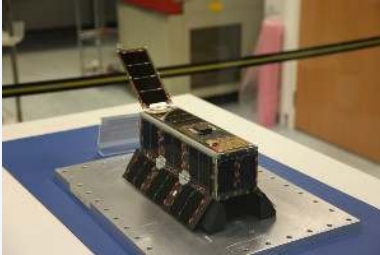
Form factor	16U CubeSat
Primary payload bay	8U (50% of satellite volume)
Additional payload volume	2U, optimized for long instruments (telescopes, antennas)
Max payload mass	15 kg
Payload volume	10U+

price on request [datasheet](#)

University of Bristol

UNITED KINGDOM · 1 PRODUCT

Russell Group research university with an active space systems program. The Bristol CHAOS group develops CubeSat technology including the UoBSat-1 platform, focusing on novel spacecraft design and low-cost access to space.



UNIVERSITY OF BRISTOL

UoBSat-1 CubeSat Research Platform

1U CubeSat technology demonstration platform developed by the University of Bristol CHAOS research group for space systems research and education.

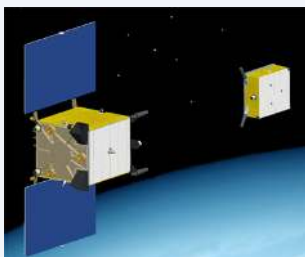
Type	1U CubeSat
Form factor	10 x 10 x 10 cm
Mass	≤1.33 kg
Developer	University of Bristol CHAOS Group
Purpose	Technology demonstration and research

price on request

University of Luxembourg - CubeSatLab SNT

LUXEMBOURG · 1 PRODUCT

The University of Luxembourg Interdisciplinary Centre for Security, Reliability and Trust (SnT) operates the CubeSatLab, conducting research in satellite communications, satellite navigation, and small satellite systems. The lab develops Cu



UNIVERSITY OF LUXEMBOURG - CUBESATLAB SNT

CubeSatLab Platform

Modular CubeSat research platform developed at the University of Luxembourg SnT CubeSatLab for satellite communications and navigation experiments.

Platform	1U-3U CubeSat
Research focus	Satellite communications, GNSS
Lab	SnT CubeSatLab
Key capability	Software-defined radio payloads

Applications	LEO communications, navigation
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price on request

University of Massachusetts Amherst

UNITED STATES · 1 PRODUCT

UMass Amherst's UMsat program gives students hands-on experience designing, building, testing, and launching CubeSats through the College of Engineering's aerospace curriculum.



UNIVERSITY OF MASSACHUSETTS AMHERST

UMsat CubeSat

Student-built CubeSat developed through UMass Amherst's UMsat program for Earth imaging and remote-sensing missions.

Form factor	1U (10 cm x 10 cm x 10 cm modular unit)
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Program	UMsat, founded 2007
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Mission focus	Earth imaging, remote sensing, climate data downlink
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Developer	University of Massachusetts Amherst, Riccio College of Engineering
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price on request

University of Strathclyde

UNITED KINGDOM · 1 PRODUCT

Scottish technical university with a leading Space Institute delivering research in CubeSat platforms, propulsion systems, space debris mitigation, and advanced space mission design through internationally recognised programmes.



UNIVERSITY OF STRATHCLYDE

STRAND-2 CubeSat Rendezvous Demonstrator

3U CubeSat technology demonstrator for on-orbit rendezvous and docking, developed by Strathclyde's Space Institute in partnership with Surrey Satellite Technology Ltd.

Type	3U CubeSat
------	------------

Form factor	10 x 10 x 34 cm
-------------	-----------------

Mission	On-orbit rendezvous demonstration
Developer	University of Strathclyde / SSTL
Orbit	Low Earth Orbit
price on request	

University of Tartu

ESTONIA · 1 PRODUCT

Estonia's leading research university, coordinating the Estonian Student Satellite Foundation that built ESTCube-1 (Estonia's first satellite, launched 2013) and ESTCube-2, pioneering solar sail propulsion and atmospheric drag experiments.



UNIVERSITY OF TARTU
ESTCube-2

3U CubeSat developed by the Estonian Student Satellite Foundation at the University of Tartu as the successor to ESTCube-1. ESTCube-2 tests a coulomb drag propulsion system (plasma)

Form factor	3U CubeSat
Payload	Coulomb drag / plasma brake tether system
Mission type	Deorbit technology demonstration
Developer	Estonian Student Satellite Foundation / University of Tartu
Technology	Electrostatic tether for atmospheric drag enhancement

price on request

University of Texas at Austin

UNITED STATES · 1 PRODUCT

UT Austin Texas Spacecraft Laboratory (TSL), developer of the BEVO satellite series and partner on the LONESTAR proximity-operations missions.



UNIVERSITY OF TEXAS AT AUSTIN
BEVO-2

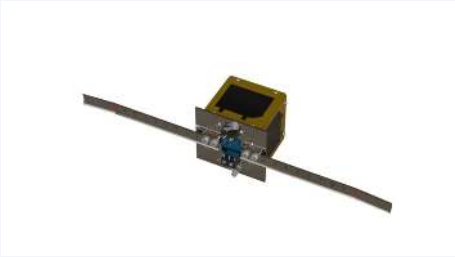
3U CubeSat built by UT Austin's Texas Spacecraft Laboratory for GPS-based rendezvous and proximity-operations experiments as part of the LONESTAR program.

Form factor	3U CubeSat
Mass	4.2 kg
Orbit	Low Earth orbit (deployed from ISS altitude, ~400 km)
Launch	Carried to ISS aboard SpaceX CRS mission; deployed from AggieSat-4
Mission	GPS-based autonomous rendezvous and proximity operations (LONESTAR program)
price on request	

Xavier Space Solutions (XavSat)

GHANA · 2017 · 2 PRODUCTS

Ghanaian PocketQube satellite manufacturer; 1U-3U modular nanosatellite buses, ready-to-fly units, payload modules, CanSat kits; space education and debris tracking research.



XAVIER SPACE SOLUTIONS (XAVSAT)
MINIATURE SATELLITES (PocketQubes)

XavSat offers PocketQube satellites (1P to 3P) as low-cost, high-reliability platforms for rapid orbital deployment, available as educational kits or ready-to-fly professional-grad

Pocketqube	1P Chassis (for XavSat-1)
Payload (XavSat-1)	(Quantum temperature & pressure payload)
Average payload power (XavSat-1)	~ 1 W
Altitude control (XavSat-1)	Passive Bar Magnet
Mass (XavSat-1)	<250 g

price on request

datasheet



XAVIER SPACE SOLUTIONS (XAVSAT)
XavSat PocketQubes (1P to 3P)

XavSat offers miniature PocketQubes (1P to 3P) as low-cost, high-reliability platforms for rapid orbital deployment, available as educational kits or ready-to-fly spacecraft.

Pocketqube	1P Chassis (XavSat-1 Mission)
Payload (XavSat-1 Mission)	Quantum temperature & pressure payload
Average payload power (XavSat-1 Mission)	~ 1 W
Altitude control (XavSat-1 Mission)	Passive Bar Magnet
Mass (XavSat-1 Mission)	<250 g

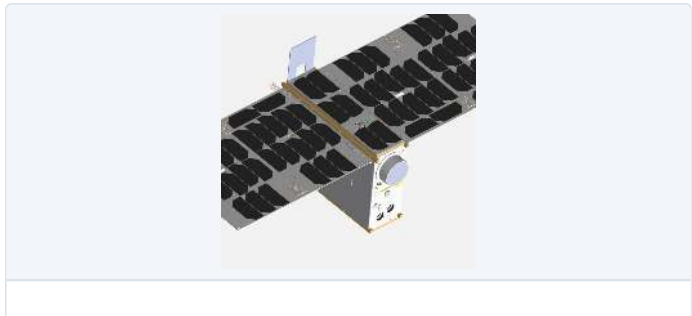
price on request

datasheet

XDLINX Space Labs

INDIA · 2022 · 2 PRODUCTS

Indian small satellite company in Hyderabad, founded 2022; XDSAT NS/NL/M200/M400/M600 platforms; ISR, hosted payloads; Janus-1 6U satellite launched Feb 2023.



XDLINX SPACE LABS

XDSAT NL

12U-16U small satellite platform for EO optical, SAR, SIGINT, IoT and laser payloads with 8U of payload volume.

Bus type	12U - 16U
Bus os	Antaris SatOS – distributed compute for bus, payload edge and SDR
Payload volume / mass	8U
Payloads CAN support	EO Optical, SAR, SigInt, IoT, Laser
Pointing accuracy & stability / orbit knowledge	$\pm 0.002^\circ$ (1-sigma), 3 axes, 2 Trackers; 1 arc-sec over 1 sec; 4m, 0.05m/s

price on request

XDLINX SPACE LABS

XDSAT NS

6U small satellite platform for EO optical, SAR, SIGINT, IoT and laser payloads with hosted-payload ISR mission support.

Bus type	6U
Bus os	Antaris SatOS – distributed compute for bus, payload edge and SDR
Payload volume / mass	4U
Payloads CAN support	EO Optical, SAR, SigInt, IoT, Laser
Pointing accuracy & stability / orbit knowledge	$\pm 0.002^\circ$ (1-sigma), 3 axes, 2 Trackers; 1 arc-sec over 1 sec; 4m, 0.05m/s

price on request

Yuzhnoye Design Bureau

UKRAINE · 1954 · 2 PRODUCTS

Yuzhnoye State Design Office (KB Pivdenne) is Ukraine's premier rocket and space engineering organization, providing full-cycle development of launch vehicles, spacecraft, and propulsion systems. Founded in 1954 and headquartered in Dnipro,



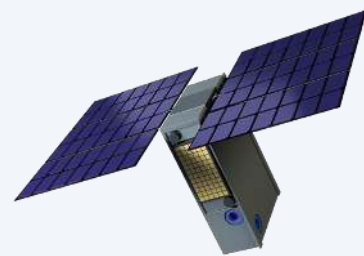
YUZHNOYE DESIGN BUREAU

CubeSat 12U Lunar

The CubeSat 12U Lunar is a deep-space small satellite developed by Yuzhnoye SDO designed to accomplish a solo flight to circumlunar orbit from geostationary transfer orbit (GTO), a

Mass	20 kg or less
Payload volume	Up to 4U
Average power	80 to 200 W
Peak power	Up to 230 W
Propellant	Iodine

price on request



YUZHNOYE DESIGN BUREAU

CubeSat 6U Lunar

The CubeSat 6U Lunar is a small deep-space spacecraft developed by Yuzhnoye SDO designed to be injected into circumlunar orbit as a piggyback payload on a scheduled lunar mission.

Mass	14 kg or less
Payload volume	Up to 2U
Average power	60 to 65 W
Peak power	Up to 130 W
Angular attitude accuracy	0.5 deg

price on request

ZeroG Lab (Zero Gravity Lab) develops integrated satellite systems and space-based intelligence solutions for government and enterprise customers. The company works across the full chain: satellite platforms and payloads, onboard systems, E



ZEROG LAB
CubeSat Platforms

Scenario-defined CubeSat platforms built by ZeroG Lab for rapid, mission-specific deployment.

price on request

Manufacturers in this sector

2NDSpace Srl

Italy · 2023 · 7 products

New Space company designing modular nanosatellite/CubeSat hardware: structures, solar panels, EPS, antennas, OBCs, and deployers/separation systems.

AAC Clyde Space

Sweden · 1999 · 1 product

AAC Clyde Space provides small satellite technologies and space-based data services, offering end-to-end solutions from satellite components to data analytics for various applications.

Akula Tech

Australia · 2022 · 1 product

Melbourne-based deep-tech startup building AI-powered smart satellites with onboard hyperspectral data processing and in-orbit AI model execution.

Alba Orbital

United Kingdom · 2012 · 2 products

Alba Orbital manufactures PocketQube satellites, provides launch and ground station services, and operates a fleet of nighttime imaging satellites for government and commercial clients.

Alya Space

Brazil · 2019 · 1 product

Brazilian nanosatellite company founded 2019 in Salvador-Bahia developing a planned 216-satellite LEO constellation for environmental monitoring and climate observation.

Alén Space

Spain · 2008 · 3 products

Alén Space designs, manufactures, and operates small satellites, providing end-to-end mission development services and advanced communication platforms, subsystems, and components for space

Apogeo Space

Italy · 2019 · 1 product

Italian picosatellite manufacturer and IoT connectivity provider building 0.3U–6U CubeSat platforms and antennas for agricultural, industrial, maritime, and environmental monitoring applicat

Artemis CubeSat Kit

United States · 1 product

Artemis CubeSat Kit provides technical resources for an open-source, space-ready hardware and software package for aerospace engineering education.

Artemis Space

Australia · 6 products

Artemis Space Technologies provides an end-to-end space ecosystem including CubeSat and microsatellite platforms (Xplora 3U–16U, Iris 27U, X1/X2/X3), hosted payloads, launch services, ground

Astronomikon Lab

Russia · 1 product

Russian engineering lab designing and building CubeSat-format nano- and picosatellites and related mechatronics components.

Blue Canyon Technologies

United States · 2008 · 4 products

Leading provider of small satellite buses, systems, and components for commercial, civil, and government space missions, a Raytheon (RTX) business.

C3S LLC

Hungary · 2012 · 1 product

Hungarian manufacturer of small satellite platforms, subsystems, and mission services with a 100% mission success rate, serving NewSpace and traditional satellite markets.

Commsat Technology

China · 2015 · 1 product

Chinese private LEO satellite technology company providing satellite manufacturing, constellation design, ground terminals, and space education services.

Dhruva Space

India · 2012 · 2 products

Dhruva Space is an Indian space technology company founded in 2012, providing satellites, Earth stations, and launch services as integrated or individual solutions.

EnduroSat

Bulgaria · 2015 · 3 products

Software-flexible CubeSat platforms (1U–16U+), shared-satellite hosted-payload service.

EXA (Ecuadorian Space Agency)

Ecuador · 2007 · 1 product

Ecuadorian civilian space agency and manufacturer of high-energy-density batteries, deployable solar arrays and CubeSat platforms.

Exseed Space

India · 2018 · 2 products

Exseed Space, operating as Satellize, designs, builds, and operates sovereign satellite programs for governments, ministries, and national agencies, including payloads, ground segments, and

Fleet Space Technologies

Australia · 2015 · 1 product

Australian space technology company providing ExoSphere seismic intelligence for mineral exploration, integrating satellite networks, edge computing, and AI for real-time 3D subsurface imagi

Genesis SFL (Genesis Space Flight Laboratories)

Croatia · 2 products

Genesis Space Flight Laboratories develops reusable reentry capsules, satellites, and microgravity missions, offering hosted payload services for research and commercial projects.

Geometric Energy Corporation

Canada · 2015 · 1 product

Canadian diversified R&D and space holding company behind DOGE-1, the first crypto-funded lunar CubeSat payload launched on Falcon 9.

Geoscan

Russia · 2011 · 5 products

Geoscan designs and manufactures unmanned aerial systems, CubeSats, avionics, and related components, offering services like aerial photography, geological exploration, and drone shows globa

German Orbital Systems

Germany · 2014 · 1 product

German Orbital Systems provides turnkey solutions for space missions and satellite components, including modular satellite platforms and consulting services, with 11 satellites launched sinc

Glavkosmos

Russia · 1985 · 5 products

Glavkosmos coordinates international human spaceflight projects, facilitates satellite launches, develops and supplies rocket components, and provides equipment for space crews.

GomSpace

Denmark · 2007 · 10 products

GomSpace is a Danish CubeSat manufacturer producing satellite platforms, subsystems, and end-to-end mission solutions. Products include the NanoCom radio modules, NanoPower EPS, and complete

Gran Systems

United States · 1 product

System integrator and manufacturer of CubeSat structures, buses, and MyPOD test/transport pods, with space environment test equipment services.

Hello Space

Turkey · 1 product

Istanbul-based satellite IoT company operating PocketQube LoRaWAN satellites in LEO — providing global narrowband data connectivity for remote IoT devices across maritime, energy, agricultur

Hex-Star Universe

India · 2022 · 2 products

India-based space EdTech platform offering CubeSat and CanSat educational kits, high-altitude balloon hardware, and online space science courses for students worldwide.

HEX20

India · 5 products

Indian small satellite manufacturer offering flight-proven platforms, subsystems, and mission-as-a-service solutions.

Hydra Space

Spain · 1 product

Spanish NewSpace company delivering satellite IoT connectivity, in-orbit testing, and turn-key space missions from Madrid.

IMT (Ingegneria Marketing Technologies)

1991 · 2 products

IMT designs and develops Nano/Micro-satellites and on-board units for commercial, scientific, and defense applications, and provides EEE parts engineering.

Infinity Space (OrbitalX)

United Kingdom · 1 product

Infinity Space (OrbitalX) designs and manufactures quantum satellite payloads, trusted-node communications systems, and modular CubeSat platforms for defence, intelligence, and secure commun

Instituto Superior Tecnico

Portugal · 1 product

Instituto Superior Tecnico (IST) is the leading engineering school in Portugal, developer of ISTSat-1, Portugal first CubeSat launched in 2021 aboard Vega-C.

Interorbital Systems

United States · 1996 · 3 products

US private aerospace company developing the NEPTUNE and TRITON low-cost orbital launch vehicles, TubeSat and CubeSat personal satellite kits, a commercial LunarStation lander, and orbital to

IPN – Instituto Politécnico Nacional

Mexico · 1 product

The Instituto Politécnico Nacional (IPN) is Mexico's premier public polytechnic university, with active programs in satellite technology and space engineering. IPN researchers and students h

ISISPACE Group

Netherlands · 2006 · 2 products

CubeSat deployers, antennas, EPS and small-satellite systems.

ISpace Satellite and Research

India · 2022 · 1 product

Bengaluru-based space startup offering end-to-end CubeSat design, manufacturing, subsystem development, and ground station services for nanosatellite missions.

Kairo Space

South Korea · 1 product

South Korean nanosatellite manufacturer offering CubeSat platforms, optical imagers, star trackers, solar panels, EPS, structures, and deployers for the commercial small satellite market.

Kitsat

Finland · 2 products

Kitsat offers fully functional satellites for educational use, with a more serious version, Kitsat+, that includes real space-worthy parts. They also provide an inexpensive and modifiable Cu

Kyushu Institute of Technology (Kyutech)

Japan · 1909 · 1 product

Japanese national university whose Laboratory of Spacecraft Environment Interaction Engineering (LaSEINE) leads the international BIRDS CubeSat constellation and HORYU high-voltage nanosatel

Launchbox Space

Australia · 2014 · 1 product

Australian space-education venture that put real CubeSat hardware in the hands of school students; program continues today via Fleet Space Technologies and Robinson Aerospace Systems.

Mahina Aerospace

United States · 2023 · 1 product

Hawaii-based CubeSat company offering the HokuSat 1U CubeSat bus, a plug-and-play satellite platform for aerospace, research, and education missions.

MBRSC

2006 · 1 product

The Mohammed Bin Rashid Space Centre designs, manufactures, and operates satellites, conducts space exploration missions, and facilitates human spaceflight for the UAE.

MicroOrbiter

Japan · 2021 · 1 product

Micro Orbiter Inc. (株式会社マイクロオービター) is a Japanese New Space startup that develops mission-customized CubeSat platforms for IoT communication, Earth observation, science, and education. The co

Montana State University

United States · 1 product

Montana State University Space Science and Engineering Laboratory (SSEL), designer and builder of the FIREBIRD space-weather CubeSats.

Nebula Space Organisation

India · 2025 · 1 product

Indian CubeSat and Earth observation startup building affordable satellite constellations for real-time Earth imagery.

NPC Spacemind

2013 · 2 products

NPC Spacemind designs and manufactures CubeSat separation systems, deployers, and subsystems, including deorbiting systems, for nanosatellites and CubeSats.

ONDO Space

Mongolia · 2020 · 1 product

Mongolian nanosatellite startup operating ONDOSAT-OWL CubeSats and offering IoT livestock tracking, ground station services, and rideshare launch coordination for LEO missions.

OrbAstro

2017 · 2 products

OrbAstro (Orbital Astronautics Ltd.) is a UK and New Zealand-based small satellite platform manufacturer founded in 2017 by Ash Dove-Jay and Vinoth Gurusamy, two of the founding employees of

Orbital Systems

Russia · 2009 · 6 products

Russian NewSpace company providing full lifecycle development and production of CubeSat small satellites, deployment systems, and ground control stations.

OTS Joint CubeSat Project

1 product

The OTS CubeSat Project is a collaborative space initiative by the Organization of Turkic States (OTS), bringing together member states including Turkey, Kazakhstan, Kyrgyzstan, Uzbekistan,

Picosat Systems

Australia · 2017 · 1 product

Australian small satellite company that designed and built the OzQube-1 PocketQube technology demonstrator.

Pumpkin, Inc.

United States · 1995 · 2 products

San Francisco-based manufacturer of flight-proven CubeSat kits, SUPERNOVA nanosatellite buses, and spacecraft power/electronics components, with over 150 kits delivered and dozens of success

Purdue University

United States · 1 product

Purdue's CubeSat Lab, part of the School of Aeronautics and Astronautics, is a design-build-test program that has flown missions including APEx, SASSI2, ADE, and FEMTA under NASA and Air For

Ragnarok Industries

United States · 2014 · 1 product

US nano-satellite startup developing electric-propulsion 6U CubeSats and mini high-throughput satellite constellations in high Earth orbit for polar broadband communications.

Rapid Cubes GmbH

Germany · 2021 · 7 products

Berlin-based nanosatellite manufacturer and TU Berlin spin-off providing fast, reliable CubeSat platforms (6–100 kg) and full mission services for commercial and scientific NewSpace applicat

Rapidtek Technologies

Taiwan · 2015 · 3 products

Taiwan-based RF and satellite communications company designing and manufacturing antennas, phased-array systems, and CubeSat payloads for LEO satellite missions.

RolnSpace (RISE, Romanian InSpace Engineering)

Romania · 2015 · 2 products

Romanian space engineering company developing CubeSat components, satellite subsystems, and space engineering services for European commercial and institutional space missions.

Satellize

India · 2018 · 1 product

Independent space firm building full-stack sovereign space programs -- satellites, ground stations, comms, analytics, and mission control -- for allied nations.

Satoro

United States · 1 product

Satoro designs and manufactures small satellite modules and subsystems, providing integration, testing, launch, and ground support services for academic and other missions.

SEALSQ / WISeSat

Switzerland · 1 product

Semiconductor and cybersecurity company (NASDAQ: LAES) providing secure chips and its WISeSat satellite IoT constellation for authenticated, encrypted device-to-satellite connectivity.

SEIREN Co., Ltd. (Space Division)

Japan · 1889 · 2 products

SEIREN Co., Ltd. is a Japanese advanced materials manufacturer that leverages over 130 years of precision manufacturing expertise to develop and mass-produce ultra-small artificial satellite

Sequoia Space

Colombia · 2007 · 1 product

Sequoia Space is a Colombian aerospace company and Latin America pioneer in pico and nanosatellite development, tracing roots to the Libertad-1 mission of Sergio Arboleda University, offerin

Serenum Space

Czech Republic · 2020 · 1 product

SERENUM Space is a CubeSat component and BUS manufacturer, integrator, and service provider based in Brno, Czech Republic, and a commercially oriented subsidiary of VZLU AEROSPACE.

Sidereus Space Dynamics

Italy · 2019 · 1 product

Italian SSTO launch startup developing EOS, a containerized orbital launch system deployable from shipping containers without a dedicated launch pad.

Skyline Celestial

United States · 2019 · 2 products

San Francisco-based nanosatellite manufacturer offering powerful and affordable 1U CubeSat platforms — Odyssey from \$3,600 and Aquarius from \$8,500 — democratising satellite access.

Space Inventor ApS

Denmark · 2015 · 5 products

Space Inventor ApS is a Danish second-generation NewSpace company providing non-ITAR CubeSat, nanosat, and microsat components, platforms, and turnkey satellite missions with full vertical i

SpaceAble

France · 2018 · 1 product

French New Space startup developing Space Situational Awareness software (ISSAN) and a planned in-orbit inspection satellite (Orbiter) to track debris and protect satellites in LEO.

Spacemanic s.r.o.

Slovakia · 2017 · 4 products

Slovak-Czech full-service nanosatellite mission provider offering CubeSat platforms (1U-16U), onboard subsystems, rideshare launch integration, and ground segment services.

Spacety

China · 2016 · 2 products

Chinese commercial smallsat manufacturer building low-cost cubesats and smallsats, SAR and optical Earth-observation satellites, and shared satellite platforms for hosted payloads.

SPUTNIX

Russia · 2011 · 16 products

SPUTNIX is a Russian manufacturer of nanosatellite and microsatellite platforms, onboard subsystems and ground infrastructure, operating as a subsidiary brand of Sitronics Group.

Telnet Holding (Challenge One)

Tunisia · 1994 · 1 product

TELNET Holding is an engineering product company specializing in embedded software, electronics, mechanics, hardware design, network solutions, and PLM, serving clients globally.

Terran Orbital

United States · 2013 · 1 product

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United States · 1997 · 1 product

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ToSpace

India · 2021 · 1 product

Indian aerospace R&D startup developing PocketQube/nanosatellites and space-tourism concepts.

Tyvak International S.r.l.

Italy · 2013 · 1 product

Italian manufacturer of CubeSat and small satellite platforms and subsystems, a Terran Orbital company with deep flight heritage across scientific and commercial missions.

U-Space

France · 2018 · 1 product

French ISO-9100-certified small satellite manufacturer; FreeForm microsatellite and 16U CubeSat platforms with full mission integration and ground-segment services from Toulouse.

University of Bristol

United Kingdom · 1 product

Russell Group research university with an active space systems program. The Bristol CHAOS group develops CubeSat technology including the UoBSat-1 platform, focusing on novel spacecraft desi

University of Luxembourg - CubeSatLab SNT

Luxembourg · 1 product

The University of Luxembourg Interdisciplinary Centre for Security, Reliability and Trust (SnT) operates the CubeSatLab, conducting research in satellite communications, satellite navigation

University of Massachusetts Amherst

United States · 1 product

UMass Amherst's UMsat program gives students hands-on experience designing, building, testing, and launching CubeSats through the College of Engineering's aerospace curriculum.

University of Strathclyde

United Kingdom · 1 product

Scottish technical university with a leading Space Institute delivering research in CubeSat platforms, propulsion systems, space debris mitigation, and advanced space mission design through

University of Tartu

Estonia · 1 product

Estonia's leading research university, coordinating the Estonian Student Satellite Foundation that built ESTCube-1 (Estonia's first satellite, launched 2013) and ESTCube-2, pioneering solar

University of Texas at Austin

United States · 1 product

UT Austin Texas Spacecraft Laboratory (TSL), developer of the BEVO satellite series and partner on the LONESTAR proximity-operations missions.

Xavier Space Solutions (XavSat)

Ghana · 2017 · 2 products

Ghanaian PocketQube satellite manufacturer; 1U-3U modular nanosatellite buses, ready-to-fly units, payload modules, CanSat kits; space education and debris tracking research.

XDLINX Space Labs

India · 2022 · 2 products

Indian small satellite company in Hyderabad, founded 2022; XDSAT NS/NL/M200/M400/M600 platforms; ISR, hosted payloads; Janus-1 6U satellite launched Feb 2023.

Yuzhnoye Design Bureau

Ukraine · 1954 · 2 products

Yuzhnoye State Design Office (KB Pivdenne) is Ukraine's premier rocket and space engineering organization, providing full-cycle development of launch vehicles, spacecraft, and propulsion sys

ZeroG Lab

China · 2016 · 1 product

ZeroG Lab (Zero Gravity Lab) develops integrated satellite systems and space-based intelligence solutions for government and enterprise customers. The company works across the full chain: sa

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