GOMSPACE

PLATFORM KITs

A FAST-TRACK · READY TO ASSEMBLE · HIGH-PERFORMANCE CUBESAT KIT

SOURCE YOUR MISSION-SPECIFIC PAYLOAD

INTEGRATE THEM TO SELECTED KIT

TEST AND LAUNCH

GomSpace Platform Kits is a ready-to-use platform kit developed for commercial and academic, and government entities seeking a lower-risk and faster way to access space.

No more headaches! Choose GomSpace platform kits and get rid of all the procurement, timescale and the engineering troubles. Leave us the technicalities. Focus on YOUR mission and YOUR Business.
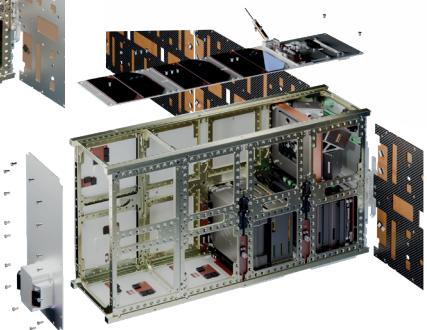
The satellite components are based on GomSpace's portfolio of standard products–just add your own mission-specific payload. It is designed with flexibility in mind to accommodate a wide range of different payload applications. You can choose wherever you wish to integrate these parts into and make it your own.

GomSpace Platform Kits are available from 6U to 16U.

Available from 6 to 16Us, all our platform kits include:

- A complete set of subsystems and harnessing.
- A comprehensive integration manual and technical documentation.
- A robust and reliable platform based on the GomSpace product portfolio.
- 50 hours of dedicated customer support to assist in the process.

Benefits

- Faster time to market
- Reduces complexity and risk of the project
- Easier procurement process and more predictable lead time
- Lower risk of budget overruns
- High reliability based on GomSpace standard product portfolio
- Dedicated payload OBC to support any mission specific payload

gomspace.com

Who are these kits built for?

Whether you're a research institution or a commercial enterprise, the GomSpace Platform Kits provide a proven, reliable foundation for your space mission.

We empower teams to achieve their goals in space without being weighed down by technical hurdles. We help you reduce costs, streamline development, and achieve mission success faster than ever with:

- Complete kits of standard spacecraft parts
- Comprehensive documentation to enable quick and easy integration
- Support from our experts to help you all way through your project

OPTIONAL: **Operations Control Platform**

GomSpace offers a Hands-off Operations Platform (HOOP) designed to help our customers scale their business from a single satellite to a global constellation. HOOP supports all mission phases, including pre-operations, launch and early orbit phase (LEOP), operations, and decommissioning. No satellite operations experience is required – GomSpace provides comprehensive training to equip your team with the skills to collect data, monitor service quality, and stay on schedule.

Technical Information

Key Features	6U Platform Kit	8U Platform Kit	12U Platform Kit	16U Platform Kit
Max Spacecraft Mass	12 kg	15 kg	22 kg	24 kg
Max Payload Mass	Up to 6 kg	Up to 8 kg	Up to 15 kg	Up to 17 kg
Payload Volume	3 U	5 U	8 U	12 U
Max Power Generation (AMO, 25°)	54 or 103 W	56 or 105 W	58 or 108 W	67 or 116 W
Power Bus	3.3V, 5V, 12V, 16V, 18V, 22V and VBat (24-32V)	3.3V, 5V, 12V, 16V, 18V, 22V and VBat (24-32V)	3.3V, 5V, 12V, 16V, 18V, 22V and VBat (24-32V)	3.3V, 5V, 12V, 16V, 18V, 22V and VBat (24-32V)
Battery Capacity	80-240 Wh	80-240 Wh	80-240 Wh	80-240 Wh
Determination Error Sun/Eclipse	250 arcsec	250 arcsec	250 arcsec	250 arcsec
Pointing Error Sun/Eclipse	500 arcsec	500 arcsec	500 arcsec	500 arcsec
Position Knowledge (RMS)	3 m	3 m	3 m	3 m
Data Storage	120 GB or more	120 GB or more	120 GB or more	120 GB or more
Data Buses	Space Wire, CAN, RS422 and TTL level UART	Space Wire, CAN, RS422 and TTL level UART	Space Wire, CAN, RS422 and TTL level UART	Space Wire, CAN, RS422 and TTL level UART
TMTC Communication	Uplink / Downlink: S-band	Uplink / Downlink: S-band	Uplink / Downlink: S-band	Uplink / Downlink: S-band
High Speed Link (HSL) Communication	Uplink: S-band Downlink: S-band and X-band	Uplink: S-band Downlink: S-band and X-band	Uplink: S-band Downlink: S-band and X-band	Uplink: S-band Downlink: S-band and X-band
TMTC Data Downlink	Up to 90 kbps	Up to 90 kbps	Up to 90 kbps	Up to 90 kbps
High Speed Link (HSL) Data Downlink (CCSDS Compatible)	From 500 kbps to 6 Mbps (S-band) and up to 225 Mbps (X-band)	From 500 kbps to 6 Mbps (S-band) and up to 225 Mbps (X-band))	From 500 kbps to 6 Mbps (S-band) and up to 225 Mbps (X-band)	From 500 kbps to 6 Mbps (S-band) and up to 225 Mbps (X-band)
High Speed Link (HSL) Data Uplink (CCSDS Compatible)	From 500 kbps to 6 Mbps (S-band)	From 500 kbps to 6 Mbps (S-band)	From 500 kbps to 6 Mbps (S-band)	From 500 kbps to 6 Mbps (S-band)
Propulsion (optional)	Up to 5000 Ns	Up to 5000 Ns	Up to 5000 Ns	Up to 5000 Ns
Security	AES256 Encryption and Authentication	AES256 Encryption and Authentication	AES256 Encryption and Authentication	AES256 Encryption and Authentication
Design Lifetime	5 years in LEO	5 years in LEO	5 years in LEO	5 years in LEO

Your mission deserves a launchpad that's as ambitious as your vision.
With GomSpace, the path to space has never been clearer.

WE MAKE SPACE YOURS