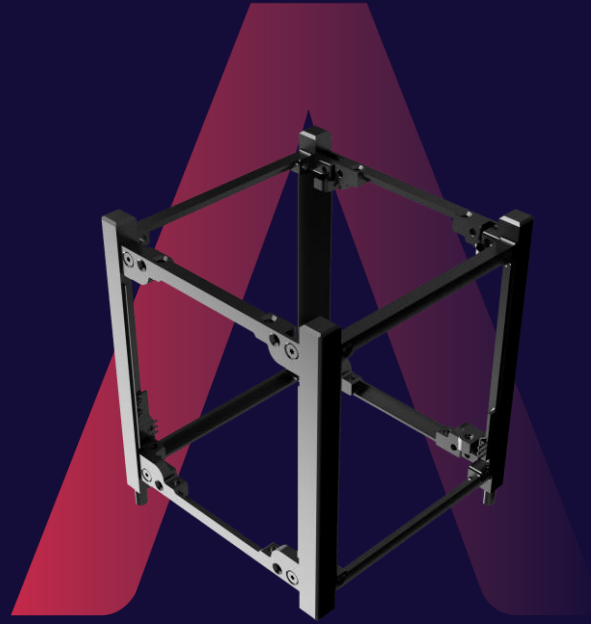




SPACEMANIC

CubeSat structures

Starting from 1U, CubeSat structures are highly modular and lightweight satellite frames proven in space. Designed for easy integration and versatility towards multiple PCB stack configurations, these structures offer competitive payload volume and compatibility with modern CubeSat deployers.



FEATURES AND SPECIFICATIONS

- Modular design for easy integration and accessibility
- PC104 fully compatible
- Multiple PCB sizes supported
- Dual kill switch mechanism
- Thermal range (min – max) - 40 to + 80 °C
- Flight heritage

MATERIAL, SIZE AND MASS

- Material: Aluminium, Titanium, Stainless Steel
- Outside envelope 1U (l x w x h): 100 x 100 x 113.5 mm
- Inside envelope 1U (l x w x h): 98.4 x 98.4 x 98.4 mm
- Mass: 115 g

PACKAGING

- 2x side frame 1U
- 2x kill switch
- 4x ribs
- COTS (Threaded Rods, Screws, Nuts, Springs, Pins).
- 1x Packaging – Peli Case (optional)