

# Module 2

## DESCRIPTION

The scope of this PBL was to design a microsatellite's module to house the on-board computer as part of a whole modular microsatellite. A multiconfiguration parametric design employing multiple design solutions by combining different materials and geometries was accomplished.

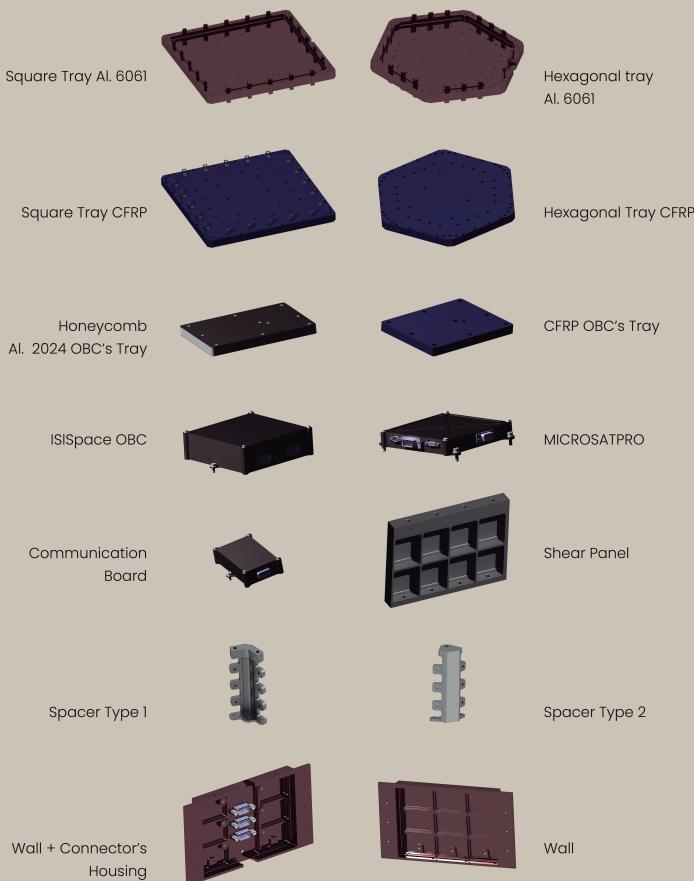
## MATERIAL

	Aluminium Alloy 6061
	Aluminium Alloy 2024-T85
	Aluminium Alloy 2024 Honeycomb 1/4

	Carbon Fiber Reinforced Polymer
	Stainless Steel

	A2 Tool Steel
	Carbon Steel Grade 8.8

## MODULE PARTS



## CONFIGURATION OPTIONS

2	x	2	x	2	x	4
Module's tray material	Module's tray shape					
OBC's tray material	OBC configurations					

There are 32 configuration options.  
Here are 4 examples:

