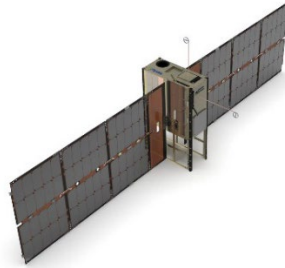
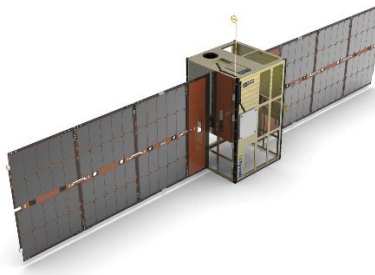


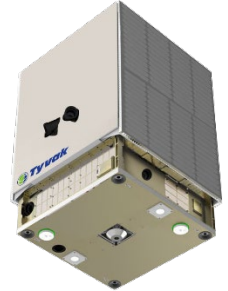
PLATFORMS



TRESTLES 6U



TRESTLES 12U



MAVERICKS MICROSAT

PAYLOAD MASS	3 kg	13 kg	Mission Dependent
PAYLOAD VOLUME	~3U	~9U	Mission Dependent
PAYLOAD PEAK POWER	180W	180W	>2kW
POWER SYSTEM	10 to 12.6V Battery	10 to 12.6V Battery	33V or 66V Battery
SOLAR ARRAY PEAK POWER	40W, 60W, or 120W	40W, 60W, or 120W	375W
SINGLE AXIS SUN TRACKING SOLAR ARRAY DRIVE	Nano Solar Array Drive	Nano Solar Array Drive	Micro Solar Array Drive
GUIDANCE, NAVIGATION AND CONTROL	Fine, Coarse, General, Sun, Ground Track, Inertia Track, and Safe Modes		
POSITION KNOWLEDGE	+/- 5m	+/- 5m	+/- 5m
DATA BUSES	RS-422, Ethernet	RS-422, Ethernet	RS-422, Ethernet
BUS PROVIDED REDUNDANT STORAGE	4GB	4GB	Up to 10TB
COMM	Uplink: UHF, S-Band Downlink: UHF, S-Band, X-Band	Uplink: UHF, S-Band Downlink: UHF, S-Band, X-Band	Uplink: UHF, S-Band Downlink: UHF, S-Band, X-Band, Ka-Band
COMMAND AND TELEMETRY RADIO TRANSMITTERS	9.6kbps to 2Mbps	9.6kbps to 2Mbps	9.6kbps to 2Mbps
COMMAND AND TELEMETRY RADIO RECEIVERS	100bps to 125kbps	100bps to 125kbps	100bps to 125kbps
MEDIUM DATA RATE TRANSMITTER + 128GB STORAGE	2Mbps to 50Mbps	2Mbps to 50Mbps	2Mbps to 50Mbps
HIGH DATA RATE TRANSMITTER + 10TB STORAGE	Contact Us	Up to 1Gbps	Up to 1Gbps
PROPULSION	10 to 300 m/s	10 to 300 m/s	10 to 300 m/s
COST + SCHEDULE	Starting at \$500k 6-15 Months	Starting at \$1M 6-15 Months	Starting at \$2M 9-18 Months