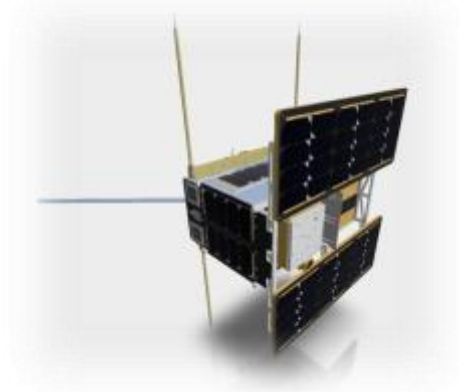


## Factsheet

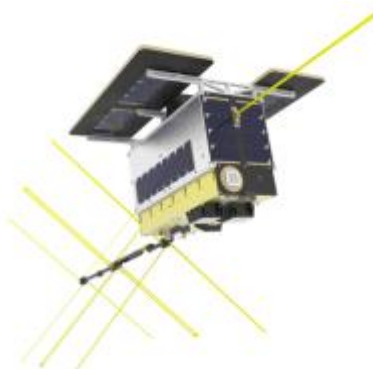
# NorSat-1 and NorSat-2

Mass:	16 kg
Width:	23 cm (without solar panels)
Height:	39 cm
Length NorSat-1:	44 cm (without solar panels)
Length NorSat-2:	45 cm (without solar panels and VDES antennae)
NorSat-1 cost:	25 MNOK (Norwegian Space Centre)
NorSat-2 cost:	25 MNOK (Norwegian Coastal Administration)
Launch cost:	approx. 10 MNOK
NorSat-1 payload:	AIS-transponder (improved) for maritime traffic monitoring CLARA radiometer for monitoring total solar irradiance Langmuir probes for monitoring plasma
NorSat-2 payload:	AIS-transponder (improved) for maritime traffic monitoring VDES sender and receiver
Launch:	Baikonour cosmodrome Kazakhstan
Launch time	kl 08:36:51 Friday July 14 (CEST)
Separation satellites:	kl 11:01:45 Friday July 14 (CEST)
Launcher:	Soyuz-2.1a
Payload:	Kanopus-V-IK and 72 smallsats
Orbit:	Sun-synchronous 600 km
Ground stations:	Svalbard and Vardø, Norway

**NorSat-1**



**NorSat-2**



**Partners:** Norwegian Coastal Administration, Norwegian Space Centre, Space Norway, Kongsberg Seatex, Dep. of Physics University of Oslo, Norwegian Defense Research Establishment, Statsat, European Space Agency, Physikalisch-Meteorologisches Observatorium Davos, UTIAS Space Flight Laboratory.