

27 February 2025



(Picture credits: *SpaceX*)

### *Nova-C IM-2 Launch*

**Space agency/country:** SpaceX  
**Mission:** *Nova-C IM-2*

On 27 February 2025, the *Nova-C IM-2* lunar exploration mission was launched from the Kennedy Space Center (Florida, USA) on a *Falcon 9* rocket. This is the second *Nova-C* lunar lander. It was developed and built by Intuitive Machines. The mission carries a NASA payload, PRIME-1 (Polar Resources Ice Mining Experiment-1), the first demonstration of *in situ* resource exploitation. PRIME-1 is composed of two instruments, the TRIDENT drill and the Msolo mass spectrometer.

**For more information:**

<https://rocketlaunch.org/mission-falcon-9-block-5-lunar-trailblazer-nova-c-im-2>

<https://nextspaceflight.com/launches/details/6828>