

NEWSPACE MARKET · COMPANY PROFILE



NearSpace Launch

NearSpace Launch

United States · narspacelaunch.com

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PRODUCTS

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SERVICES

newspacemarket.com/companies/narspace-launch-nsl/

as of 20 August 2026



NearSpace Launch

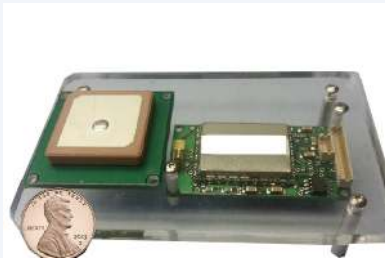
NearSpace Launch designs and manufactures CubeSat systems and subsystems, specializing in global satellite communication hardware that leverages commercial sat-to-sat networks. Their product lines include full spectrum CubeSat builds, integrated payloads, and the NSL Black Box, a risk reduction and space awareness tool for satellite operators. They also produce EyeStar Radios. Customers include government agencies such as SSC, AFRL, NASA, and DARPA, as well as over 100 commercial and academic teams. The company is headquartered in Upland, Indiana. In the past decade, NearSpace Launch has successfully launched over 100 satellites and 900 systems and subsystems, including over 215 EyeStar Radios.

This profile is generated from the live NewSpace Market catalogue. Specifications are as published by the manufacturer; every product links to a page where a request for quotation reaches the company directly.

Services

Autonomous TLE Reporting NearSpace Launch provides autonomous TLE reporting to the 18th squadron as part of their NSL Black Box service, aiding in space awareness.	Diagnostics, Telemetry, and Commanding The NSL Black Box provides 24/7 diagnostics, telemetry, and commanding capabilities, including autonomous TLE reporting for enhanced mission assurance.
Hosted Payload Launch NearSpace Launch offers a hosted payload service (TROOP) with launches every 6 months, providing fully provisioned slots to increase payload TRL.	Payload Integration NearSpace Launch offers payload integration services for their FastBus™ CubeSat and ThinSat platforms, accommodating various payload sizes.
Satellite Connection and Data Access NearSpace Launch provides 24/7 satellite connection and data access through their EyeStar-S4 radio and online console, eliminating the need for ground stations.	

Product catalogue



NEARSPACE LAUNCH

EyeStar-S3 Satellite Simplex Communications System

The EyeStar-S3 Simplex is an end-to-end satellite communications system providing quick, reliable beaconing from satellites, capable of delivering up to 600 Kbytes/day globally.

Max Data Throughput	600 Kbytes/day
On-orbit success	100%
TRL	9
Availability	4 – 6 weeks

flight proven · TRL 9 price on request



NEARSPACE LAUNCH

NSL EyeStar S4

The NSL EyeStar S4 is a compact, low-power satellite communication module for CubeSats, offering 24/7 pole-to-pole connectivity and half-duplex commanding via the Iridium network.

Flight Heritage	since 2015
Size	60x30x21 mm
Weight	29 g
TX Power	1.0 W
IDLE Power	0.25 W
RF Power	1.4 W
Data rate	<13.5 Bytes/s

flight proven · TRL 9 price on request

Contact NearSpace Launch

Open the company profile on NewSpace Market to see full specifications and datasheets, and to send a request for quotation that reaches the manufacturer directly.

<https://newspacemarket.com/companies/nearspace-launch-nsl/>

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